

EXHIBIT C1**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Asset Management Services

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Farbod Farzan	01/02/20	(2.0) Perform updates to bowtie documentation; specifically for transmission overhead & underground, distribution overhead & underground network	2.0	\$ 325.00	\$ 650.00
Farbod Farzan	01/02/20	(1.5) In order to map according to CPUC WM plan mandates, perform analysis of DE driver and subdrivers.	1.5	\$ 325.00	\$ 487.50
Farbod Farzan	01/02/20	(1.5) Reviewing electric distribution WRP model as requested by D. Pant (PG&E)	1.5	\$ 325.00	\$ 487.50
Matt Broida	01/02/20	(0.5) Final vegetation deliverables review with S. Singh and M. Esguerra (PG&E) and J. White and A. Mani (KPMG); (1.0) review of bowtie process document 20191220_PGE Bowtie Documentation Document.docx	1.5	\$ 435.00	\$ 652.50
Farbod Farzan	01/02/20	(1.0) Meeting with D. Pant (PG&E) to discuss DE driver and subdriver to WM plan.	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	01/02/20	(1.0) Call with W. Brennan (KPMG) to discuss DER bowtie future works.	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	01/02/20	(0.5) Call with D. Pant (PG&E) in order to discuss the scope of the work and expectations for January 2020.	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/02/20	(0.5) Call with S. Vanukuri (PG&E) in order to discuss risk reductions per circuit miles provided in the WRP model.	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/03/20	(2.0) Collect list of drivers / subdrivers for all bowties (1.0) and prepare slide deck to describe them as requested by D. Pant (PG&E) (1.0)	2.0	\$ 325.00	\$ 650.00
Farbod Farzan	01/03/20	(2.0) Call with W. Brennan (KPMG) in order to transfer knowledge with regards to DER bowtie future works.	2.0	\$ 325.00	\$ 650.00
Farbod Farzan	01/03/20	(1.0) Call with S. Vanukuri and B. Wong (PG&E) to discuss risk score efficiency for system hardening and enhanced vegetation mitigations.	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	01/03/20	(1.0) Reviewing DER assessment prioritization calculations for distribution and transmission document provided by D. Pant (PG&E)	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	01/03/20	(1.0) Continuation, as of 1/3, updating bowtie documentation (transmission overhead & underground, distribution overhead & underground network, substation).	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	01/03/20	(0.5) Call with D. Pant (PG&E) and J. Crowe (PG&E) to discuss GNT tracker status for 2019 data.	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/03/20	(0.5) Call with S. Vanukuri and B. Wong (PG&E) to discuss pole loading infrastructure hardening.	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/06/20	(3.0) Extracting CALFIRE 2019 information including date/time, geospatial, safety and certain structure information	3.0	\$ 325.00	\$ 975.00
Farbod Farzan	01/06/20	(3.0) Updating right-side of the DER bowtie with 2019 GNT incidents (inclusive of RFW analysis, Spatial mapping for HFTD zone, outcome categorization).	3.0	\$ 325.00	\$ 975.00
Farbod Farzan	01/06/20	(2.0) Update attachment A (specifically Table 11 and 18) of WM plan document requested by D. Pant (PG&E)	2.0	\$ 325.00	\$ 650.00

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Name	Date	Description	Hours	Rate	Amount
Farbod Farzan	01/06/20	(0.5) Call with D. Pant (PG&E) in order to discuss tasks for WM plan documents.	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/06/20	(0.5) Call with D. Pant PG&E to discuss Table 11 and 18 in attachment A of WM plan.	0.5	\$ 325.00	\$ 162.50
Juan Gonzalez III	01/06/20	(.5) Perform analysis in response to client request with respect to risk reduction analysis.	0.5	\$ 500.00	\$ 250.00
Farbod Farzan	01/07/20	(3.0) Continuation, as of 1/7, developing right-side of the DER bowtie with 2019 GNT incidents (this includes RFW analysis, Spatial mapping for HFTD zones and outcome categorization).	3.0	\$ 325.00	\$ 975.00
Farbod Farzan	01/07/20	(3.0) Development of 2019 GNT tracker data set, converting it to CPUC reportable format (necessary for updating left side of DE bowtie and completion of Table 11 and 18 in WM plan).	3.0	\$ 325.00	\$ 975.00
Farbod Farzan	01/07/20	(2.0) Continue, as of 1/7, to update attachment A (specifically Table 11 and 18) of WM plan document requested by D. Pant (PG&E)	2.0	\$ 325.00	\$ 650.00
Farbod Farzan	01/07/20	(1.0) Review DE mitigation document (Attachment A) requested by D. Pant (PG&E)	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	01/07/20	(1.0) Call with T. Huynh (PG&E), T. Bowday (PG&E), S. Jayaram (PG&E), and S. Vanukuri (PG&E) to discuss methodology that Gas team applies for controls and mitigation and also the methodology for considering low frequency high consequence risk events.	1.0	\$ 325.00	\$ 325.00
Juan Gonzalez III	01/07/20	(.5) Continue, as of 1/7, analysis in response to client request with respect to risk reduction analysis.	0.5	\$ 500.00	\$ 250.00
Farbod Farzan	01/08/20	(3.3) Continue, as of 1/8, update of left side of DE bowtie in order to update 2019 CPUC GNT data (inclusive of RFW analysis, spatial mapping for HFTD zones and outcome categorization (Distribution / Transmission/Substation)).	3.3	\$ 325.00	\$ 1,072.50
Farbod Farzan	01/08/20	(2.7) Continue, from earlier on 1/8, update of left side of DE bowtie in order to update 2019 CPUC GNT data (inclusive of RFW analysis, spatial mapping for HFTD zones and outcome categorization (Distribution / Transmission/Substation)).	2.7	\$ 325.00	\$ 877.50
Farbod Farzan	01/08/20	(2.0) Continue, as of 1/8, preparation of Table 11 and 18 of attachment A of WM plan document as requested by D. Pant (PG&E)	2.0	\$ 325.00	\$ 650.00
Farbod Farzan	01/08/20	(0.5) Call with M. Broida (KPMG) to discuss bowtie updates as of 1/8 and accomplished tasks.	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/08/20	(0.5) Call with D. Pant (PG&E), J. Crowe (PG&E), J. Haung (PG&E), K. How (PG&E) to discuss 2019 GNT tracker dataset.	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/08/20	(0.5) Call with Y. Chong (PG&E), and B. Wong (PG&E) to discuss DER bowtie updates.	0.5	\$ 325.00	\$ 162.50
Matt Broida	01/08/20	(0.5) Call with F. Farzan (KPMG) to discuss bowtie updates as of 1/8 and accomplished tasks.	0.5	\$ 435.00	\$ 217.50

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Name	Date	Description	Hours	Rate	Amount
Farbod Farzan	01/09/20	(3.3) Continue, as of 1/9, development of left side of DE bowtie in order to update 2019 CPUC GNT data (inclusive of RFW analysis, spatial mapping for HFTD zones and outcome categorization (Distribution / Transmission/Substation)).	3.3	\$ 325.00	\$ 1,072.50
Farbod Farzan	01/09/20	(3.0) In order to assign driver/subdrivers to each measure according to WM plan categories, analyze mitigation and controls for DER	3.0	\$ 325.00	\$ 975.00
Farbod Farzan	01/09/20	(2.7) Continue, from earlier on 1/9, to develop left side of DE bowtie in order to update 2019 CPUC GNT data (inclusive of RFW analysis, spatial mapping for HFTD zones and outcome categorization (Distribution / Transmission/Substation)).	2.7	\$ 325.00	\$ 877.50
Garrett Lodewyck	01/09/20	Director quality control review of documentation related to GIS analysis as of 1/9.	0.5	\$ 435.00	\$ 217.50
Farbod Farzan	01/10/20	(3.4) Continuation, as of 1/10, developing left side of DE bowtie in order to update 2019 CPUC GNTs (Distribution / Transmission/Substation). Inclusive of RFW analysis, Spatial mapping for HFTD zones and outcome categorization .	3.4	\$ 325.00	\$ 1,105.00
Farbod Farzan	01/10/20	(1.0) Prepare metadata description of DER bowtie(inclusive of detailed information necessary to navigate throughout the master spreadsheet) requested by D. Pant (PG&E)	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	01/10/20	(0.6) Drafting methodology for DER to be incorporated in WM plan requested by D. Pant (PG&E)	0.6	\$ 325.00	\$ 195.00
Farbod Farzan	01/10/20	(0.5) Analysis on counts of GNTs and categories from 2015-2017, cross-checking against RAMP 2017 and GRC 2019 GNT reports requested by D. Pant (PG&E)	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/10/20	(0.5) Call with D. Pant (PG&E) to discuss remainder of items for WM plan documentation.	0.5	\$ 325.00	\$ 162.50
Matt Broida	01/10/20	(0.5) Bowtie follow-up with F. Farzan (KPMG) as of 1/10 for status, next steps	0.5	\$ 435.00	\$ 217.50
Farbod Farzan	01/13/20	(3.6) Updating DER model including addition of distribution customer minutes as a result of GNTs.	3.6	\$ 325.00	\$ 1,170.00
Farbod Farzan	01/13/20	(3.4) Updating DER model based on the modified GNT tracker dataset that provided by PG&E on 01/13.	3.4	\$ 325.00	\$ 1,105.00
Farbod Farzan	01/13/20	(1.5) Updating DER model inclusive of addition of SIE and the asset which caused GNT requested by S. Vanukuri (PG&E)	1.5	\$ 325.00	\$ 487.50
Farbod Farzan	01/13/20	(1.0) Call with D. Pant (PG&E) in order to discuss 2019 GNT tracker dataset and the data challenges	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	01/13/20	(1.0) Analyzing customer minutes in the GNT tracker dataset, comparing it to the customer minutes from distribution outage dataset, noting findings	1.0	\$ 325.00	\$ 325.00

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Farbod Farzan	01/14/20	(3.7) Continue, as of 1/14, developing DER model (addition of transmission outage dataset as well as crosschecking ILIS (integrated logging information system) IDs of GNT with distribution outage dataset).	3.7	\$ 325.00	\$ 1,202.50
Farbod Farzan	01/14/20	(3.3) Continue, from earlier on 1/14, developing DER model (addition of transmission outage dataset as well as crosschecking ILIS (integrated logging information system) IDs of GNT with distribution outage dataset).	3.3	\$ 325.00	\$ 1,072.50
Farbod Farzan	01/14/20	(1.0) Analyzing 2019 transmission outage dataset provided by D. Gregory (PG&E). This is required for inclusion of transmission outages to the DER bowtie model.	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	01/14/20	(1.0) Analysis to identify missing ILIS IDs in the GNT tracker dataset, concurrently noting recommendation for correct IDs to PG&E GNT tracker team. GNT tracker team confirmed the validity of provided options.	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	01/14/20	(0.5) Call with D. Pant (PG&E) to discuss project updates including DER model and WM plan document.	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/15/20	(3.4) Continuation, as of 1/15, updating DER model with the new outage dataset provided by J. Murata (PG&E).	3.4	\$ 325.00	\$ 1,105.00
Farbod Farzan	01/15/20	(2.0) Development of new set of transmission capital control projects in order to identify new items that need to be added to WM plan requested by D. Pant (PG&E)	2.0	\$ 325.00	\$ 650.00
Farbod Farzan	01/15/20	(1.1) Continue, as of 1/15, analysis to identify missing ILIS IDs in the GNT tracker dataset, concurrently noting recommendation for correct IDs to PG&E GNT tracker team. GNT tracker team confirmed the validity of provided options.	1.1	\$ 325.00	\$ 357.50
Farbod Farzan	01/15/20	(1.0) Call with B. Wong (PG&E) and Y. Chong (PG&E) to discuss GNT tracker dataset and the methodology to avoid double counting public safety power shutoff effect in reliability consequences of DE.	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	01/15/20	(0.5) Call with D. Pant (PG&E) to discuss recent DER model updates and distribution outage dataset.	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/15/20	(0.5) Update meeting with M. Broida (KPMG) on bowtie process	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/15/20	(0.5) Call with T. Huynh (PG&E) to discuss additional controls and mitigation initiatives to WM plan document.	0.5	\$ 325.00	\$ 162.50
Juan Gonzalez III	01/15/20	(0.5) Type: Meeting, Bow Tie Risk. Attendees: Juan Gonzalez III (Principal, KPMG), Geno Armstrong (Principal, KPMG), Sean Hoffman (Partner, KPMG), Michael Ryan ((Partner, KPMG).	0.5	\$ 500.00	\$ 250.00
Matt Broida	01/15/20	(0.5) Update meeting with F. Farzan (KPMG) on bowtie process	0.5	\$ 435.00	\$ 217.50

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Name	Date	Description	Hours	Rate	Amount
Farbod Farzan	01/16/20	(3.3) Prepare Table 31 of WM plan (inclusive of constructing framework to automatically populate projected mitigated GNT incidents in 2020 – 2022).	3.3	\$ 325.00	\$ 1,072.50
Farbod Farzan	01/16/20	(2.7) Development of CPUC GNT dataset to be split into distribution and transmission, concurrently categorizing according to WM plan.	2.7	\$ 325.00	\$ 877.50
Matt Broida	01/16/20	(2.0) Director review of DE Bowtie documentation, specifically DE GNT Bowtie Analysis 20200115	2.0	\$ 435.00	\$ 870.00
Farbod Farzan	01/16/20	(1.5) Continuation, as of 1/16, updating GNT tracker dataset, reporting data issues corresponded to CPUC reportable GNTs to PG&E GNT tacker team	1.5	\$ 325.00	\$ 487.50
Farbod Farzan	01/16/20	(1.0) Call with D. Pant (PG&E), B. Wong (PG&E) and Y. Chong (PG&E) to discuss Table 31 of WM plan document and actual vs forecasted 2019 GNTs.	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	01/16/20	(1.0) Call with S. Granberg (PG&E) to explain GNT tracker dataset issues and challenges as he is in a new role in PG&E to maintain and enhance this dataset.	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	01/16/20	(0.5) Call with S. Vanukuri (PG&E) to discuss transmission and distribution outages caused by equipment failure and vegetation to be incorporated into risk spend efficiency model	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/17/20	(3.4) Prepare RAMP workshop risk slides deck requested by D. Pant (PG&E)	3.4	\$ 325.00	\$ 1,105.00
Farbod Farzan	01/17/20	(2.0) Development of WM plan material; specifically updating Table 31 based on the new runs for mitigated GNT drivers and subdrivers provided by PG&E enterprise risk management team.	2.0	\$ 325.00	\$ 650.00
Farbod Farzan	01/17/20	(1.0) Call with T. Huynh (PG&E) to discuss data sources and SMEs for RAMP workshop slides deck.	1.0	\$ 325.00	\$ 325.00
Matt Broida	01/17/20	(0.5) Communication with F. Farzan (KPMG) on bowtie process / status as of 1/17	0.5	\$ 435.00	\$ 217.50
Farbod Farzan	01/20/20	(3.6) Updated risk bowtie documentation document, as of 1/20, specifically updating all bowties, assumptions and data processes.	3.6	\$ 325.00	\$ 1,170.00
Farbod Farzan	01/20/20	(3.4) Updated electric operation master deck, as of 1/20, specifically updating risk scores, tranches, data sources and assumptions.	3.4	\$ 325.00	\$ 1,105.00
Farbod Farzan	01/20/20	(1.5) Continue, from earlier on 1/20, updating electric operation master deck, specifically risk scores, tranches, data sources and assumptions.	1.5	\$ 325.00	\$ 487.50
Farbod Farzan	01/21/20	(2.0) Developing Distribution Overhead (DOH) RAMP prep deck; specifically developing detailed data description for DOH bowtie.	2.0	\$ 325.00	\$ 650.00
Farbod Farzan	01/21/20	(2.0) Analysis of EIR dataset , comparing cause and sub causes of electric incident reporting dataset to DOH dataset.	2.0	\$ 325.00	\$ 650.00
Farbod Farzan	01/21/20	(2.0) Analysis of GNT incidents during 2019 PSPS events, specifically root cause analysis.	2.0	\$ 325.00	\$ 650.00

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Name	Date	Description	Hours	Rate	Amount
Farbod Farzan	01/21/20	(1.5) Call with T. Huynh (PG&E) to discuss RCC meeting material and walked him through the DOH model requested by D. Pant (PG&E)	1.5	\$ 325.00	\$ 487.50
Farbod Farzan	01/21/20	(1.0) Call with D. Pant (PG&E) in order to walk her through PG&E WebApp and describe the functionalities.	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	01/21/20	(0.5) Call with M. Broida (KPMG) to discuss recent project updates as of 1/21 and challenges.	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/21/20	(0.5) Continuation, of 1/21, development of risk bowtie documentation document (updating all bowties, assumptions, data processes).	0.5	\$ 325.00	\$ 162.50
Matt Broida	01/22/20	(0.5) Call with F. Farzan (KPMG) to discuss recent project updates as of 1/21 and challenges. ; (3.0) Director review of EO_EBRR_MasterDeck.pptx summary of RAMP / bowtie workshop	3.5	\$ 435.00	\$ 1,522.50
Farbod Farzan	01/22/20	(2.0) Continue, as of 1/22, developing detailed data description for DOH bowtie within the DOH RAMP prep deck.	2.0	\$ 325.00	\$ 650.00
Farbod Farzan	01/22/20	(2.0) Analysis of EIR dataset, comparing causes and sub causes of electric incident reporting dataset to DOH dataset.	2.0	\$ 325.00	\$ 650.00
Farbod Farzan	01/22/20	(2.0) Analysis of GNT incidents during 2019 PSPS events, specifically root cause analysis.	2.0	\$ 325.00	\$ 650.00
Farbod Farzan	01/22/20	(1.5) Call with T. Huynh (PG&E) to discuss RCC meeting material and walked him through the DOH model requested by D. Pant (PG&E)	1.5	\$ 325.00	\$ 487.50
Farbod Farzan	01/22/20	(1.0) Call with D. Pant (PG&E) in order to walk her through PG&E WebApp and describe the functionalities.	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	01/22/20	(0.5) Call with M. Broida (KPMG) to discuss recent project updates as of 1/22 and challenges.	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/22/20	(0.5) Continuation, of 1/22, update of risk bowtie documentation document (updating all bowties, assumptions, data processes).	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/23/20	(3.0) DOH RCC prep workshop with D. Pant. H. Mejjaty (PG&E). D. Thayer (PG&E), T. Huynh(PG&E), E. Scaief(PG&E), J. Thomas, J. Borders(PG&E) to discuss DOH bowtie and possible improvement steps	3.0	\$ 325.00	\$ 975.00
Farbod Farzan	01/23/20	(3.0) Development of documentation of risk score efficiencies for PG&E mitigation initiatives' requested by D. Pant (PG&E).	3.0	\$ 325.00	\$ 975.00
Farbod Farzan	01/23/20	(1.0) Call with D. Pant (PG&E), B. Wong (PG&E) and Y. Chong (PG&E) to discuss Table 31 of WM plan document and actual vs forecasted 2019 GNTs.	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	01/23/20	(0.5) Call with D. Pant (PG&E) to discuss and strategize the work plan to address DOH RCC prep meeting comments.	0.5	\$ 325.00	\$ 162.50
Matt Broida	01/24/20	(3.9) Director review of final bowtie documentation 20200122_PGE Bowtie Documentation Document.docx	3.9	\$ 435.00	\$ 1,696.50

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Name	Date	Description	Hours	Rate	Amount
Farbod Farzan	01/24/20	(3.4) Preparing PG&E master spreadsheet for WM plan; specifically targeted and other drivers that mitigate as a result of control and mitigation initiatives.	3.4	\$ 325.00	\$ 1,105.00
Farbod Farzan	01/24/20	(2.5) Call with D. Thyler (PG&E) and E. Scaief (PG&E) to walk them through DOH bowtie dataset, driver and subdriver mapping process and going through incidents with unknown basic case.	2.5	\$ 325.00	\$ 812.50
Farbod Farzan	01/24/20	(2.0) Continuation, as of 1/24, documentation of risk score efficiencies for PG&E mitigation initiatives' requested by D. Pant (PG&E).	2.0	\$ 325.00	\$ 650.00
Farbod Farzan	01/24/20	(1.6) Continue, from earlier on 1/24, preparing PG&E master spreadsheet for WM plan; specifically targeted and other drivers that mitigate as a result of control and mitigation initiatives.	1.6	\$ 325.00	\$ 520.00
Farbod Farzan	01/24/20	(1.0) Call with S.Vanakuri (PG&E) to discuss RSE material and the methodology for EVM and System hardening risk effectiveness calculation	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	01/27/20	(3.3) Documentation of risk spend efficiency, concurrently reviewing the results generated by S. Vanukuri (PG&E) as requested by D. Pant (PG&E)	3.3	\$ 325.00	\$ 1,072.50
Farbod Farzan	01/27/20	(3.2) Analysis of 2019 Electric Incident report dataset (this includes identification of drivers/sub drivers, facility involved, and SI type).	3.2	\$ 325.00	\$ 1,040.00
Farbod Farzan	01/27/20	(1.8) Continue, from earlier on 1/27, analysis of 2019 Electric Incident report dataset (this includes identification of drivers/sub drivers, facility involved, and SI type).	1.8	\$ 325.00	\$ 585.00
Farbod Farzan	01/27/20	(1.7) Continue, from earlier on 1/27, documenting risk spend efficiency, concurrently reviewing the results generated by S. Vanukuri (PG&E) as requested by D. Pant (PG&E)	1.7	\$ 325.00	\$ 552.50
Farbod Farzan	01/28/20	(3.4) Perform reconciliation of transmission incidents and GNTs provided by D. Gregory with the CPUC GNT dataset (as part of the effort to complete Table 11, 18 and 31 for WM plan).	3.4	\$ 325.00	\$ 1,105.00
Farbod Farzan	01/28/20	(3.1) Development of PG&E WM plan master spreadsheet (online version). This includes addition of drivers and subdrivers for mitigation, controls and foundational initiatives.	3.1	\$ 325.00	\$ 1,007.50
Farbod Farzan	01/28/20	(2.0) Analyzing forecasted mitigated GNTs in 2020-2022 as a result of PG&E mitigation initiatives.	2.0	\$ 325.00	\$ 650.00
Farbod Farzan	01/28/20	(1.0) Continue, from earlier on 1/28, analysis of 2019 Electric Incident report dataset (this includes identification of drivers/sub drivers, facility involved, and SI type).	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	01/28/20	(0.5) Investigating specific GNTs that are added into CPUC reportable dataset (includes identification of occurrence in distribution/transmission systems).	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/28/20	(0.5) Call with M. Broida (KPMG), as of 1/28, to discuss project status and upcoming tasks.	0.5	\$ 325.00	\$ 162.50

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Farbod Farzan	01/28/20	(0.5) Updated DE bowtie risk model based on the modifications of certain incidents that have been added manually.	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/28/20	(0.5) Call with S.Skillman (PG&E), C. Wong (PG&E), K. Wade (PG&E), J. Yan (PG&E), V. Malkina (PG&E) in order to coordinate modifications in the master 5.3 Table for WM plan.	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/29/20	(3.6) Continue, as of 1/29, to perform reconciliation of transmission incidents and GNTs provided by D. Gregory with the CPUC GNT dataset (as part of the effort to complete Table 11, 18 and 31 for WM plan).	3.6	\$ 325.00	\$ 1,170.00
Farbod Farzan	01/29/20	(3.0) Working session with S. Vanukuri (PG&E) in order to familiarize him with WM plan tables and discuss the way to forecast mitigated GNTs according to short term incentive plan (STIP). This also included discussion with regards to capital spent and lines accomplished for all PG&E mitigation initiatives.	3.0	\$ 325.00	\$ 975.00
Yuuki Stahl	01/29/20	Perform Task 2 quality assurance review as of 1/29	3.0	\$ 435.00	\$ 1,305.00
Farbod Farzan	01/29/20	(2.5) Develop forecasted mitigated GNTs (latest risk model outcomes), in order to populate Table 31 for WM plan (includes remapping of incidents based on different drivers and subdrivers that have been provided by transmission team).	2.5	\$ 325.00	\$ 812.50
Lisa Daniels	01/29/20	Principal Task 2 quality assurance review as of 1/29	2.5	\$ 500.00	\$ 1,250.00
Lisa Daniels	01/29/20	Continue, from earlier on 1/29, Principal Task 2 quality assurance review as of 1/29	1.5	\$ 500.00	\$ 750.00
Farbod Farzan	01/29/20	(0.5) Call with D. Pant (PG&E) in order to discuss WM plan tables / possible findings	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/29/20	(0.5) Call with M. Broida (KPMG) to discuss project status and challenges with regards to Excel calculations.	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/29/20	(0.5) Call with K. How (PG&E) to discuss findings in the reported transmission GNTs (findings in comparison to CPUC reportable GNTs)	0.5	\$ 325.00	\$ 162.50
Matt Broida	01/29/20	(0.5) Call with F. Farzan (KPMG) to discuss project status and challenges with regards to Excel calculations.	0.5	\$ 435.00	\$ 217.50
Farbod Farzan	01/30/20	(3.4) Population of tables with the latest results (specifically 11,18, 31) incorporating short term incentive plan (STIP) methodology for mitigated GNTs, reporting GNTs in transmission based on the latest results.	3.4	\$ 325.00	\$ 1,105.00
Farbod Farzan	01/30/20	(2.5) Continuation of preparing Table 11,18, and 31 in order to be populated according to the latest results. This includes incorporating STIP methodology for mitigated GNTs, reporting GNTs in transmission based on the latest results.	2.6	\$ 325.00	\$ 845.00
Farbod Farzan	01/30/20	(1.0) Revising RAMP workshop risk deck based on H. Mejjaty (PG&E) comments requested by D. Pant (PG&E)	1.0	\$ 325.00	\$ 325.00

EXHIBIT C1

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Asset Management Services

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Farbod Farzan	01/30/20	(1.0) Continuation, as of 1/30, of analyzing 2019 Electric Incident report dataset in order to address Y. Cong (PG&E) comments.	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	01/30/20	(0.5) Call with D. Pant (PG&E) in order to discuss tranching names and "in scope", "out of scope" for RAMP risks	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/31/20	(3.4) Continuation, as of 1/31, of RAMP workshop risk deck revision / modification based on H. Mejjaty (PG&E) comments requested by D. Pant (PG&E)	3.4	\$ 325.00	\$ 1,105.00
Matt Broida	01/31/20	(1.5) Director review of RAMP workshop deck; (1.5) Director review, as of 1/31, of revised RAMP risk documentation	3.0	\$ 435.00	\$ 1,305.00
Farbod Farzan	01/31/20	(2.0) Incorporate new outage dataset for distribution system received by J. Murata (PG&E). This is as necessary in order to refresh outage data that was previously used in the risk bowtie.	2.0	\$ 325.00	\$ 650.00
Farbod Farzan	01/31/20	(1.0) Draft documentation of RAMP risks requested by D. Pant (PG&E). This is needed in order to incorporate all updates with regards to tranching names and "in scope", "out of scope" for RAMP risks	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	01/31/20	(1.0) Updating risk bowties documentation file based on January works and modifications.	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	01/31/20	(0.5) Call with D. Pant (PG&E) in order to discuss tranching names and "in scope", "out of scope" for RAMP risks	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	01/31/20	(0.5) Bowtie / RAMP support wrap-up review meeting with M. Broida (KPMG) for this phase of work;	0.5	\$ 325.00	\$ 162.50
Matt Broida	01/31/20	(0.5) Bowtie / RAMP support wrap-up review meeting with F. Farzan (KPMG) for this phase of work;	0.5	\$ 435.00	\$ 217.50
Total Asset Management Services			<u>225.3</u>		<u>\$ 76,429.00</u>

EXHIBIT C2

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Data Security Services

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Gary Rich	01/03/20	0.4 Meeting with S. Inder, D. Jha (Vendor B), C. Mattos (PG&E), T. Sedgwick, G. Dupree, Y. Kerzner (KPMG) to provide a status update on the Vendor B tool installation progress. Discussed status of F5 Firewall exception requests and resolved to send meeting invites to K. Muppa (PG&E) as well.	0.4	
Kristy Hornland	01/06/20	0.2 Meeting with G. Dupree (KPMG), K. Hornland (KPMG), and B. Zhang (KPMG) to discuss work paper approach;	0.2	
Garrett Dupree	01/06/20	0.4 Meeting with Y. Kerzner (KPMG) to discuss G. Dupree's (KPMG) assistance with Data De-Identification and Data Inventory workstreams and additional deliverables that need to be completed. ;	0.4	
Bob Zhang	01/06/20	0.5 Meeting with G. Rich, T. Sedgwick, G. Dupree, K. Hornland, Y. Kerzner (KPMG) to discuss the tasks for the week relative to the Data Inventory, Data Loss Prevention and De-Identification work streams. G. Rich, Y. Kerzner (KPMG) provided information regarding the outstanding De-Identification deliverables. G. Dupree (KPMG) provided feedback on remaining items for the Data Loss Prevention work stream, and K. Hornland and B. Zhang (KPMG) provided updates for Data Inventory deliverables. Resolved to finalize deliverables, address workpapers, and schedule additional installation sessions for Vendor B tool ;	0.5	
Garrett Dupree	01/06/20	0.5 Meeting with T. Sedgwick, K. Hornland, Y. Kerzner and B. Zhang (KPMG) to discuss the tasks for the week relative to the Data Inventory, Data Loss Prevention and De-Identification work streams. G. Rich, Y. Kerzner (KPMG) provided information regarding the outstanding De-Identification deliverables. G. Dupree (KPMG) provided feedback on remaining items for the Data Loss Prevention work stream, and K. Hornland and B. Zhang (KPMG) provided updates for Data Inventory deliverables. Resolved to finalize deliverables, address workpapers, and schedule additional installation sessions for Vendor B tool ;	0.5	
Bob Zhang	01/06/20	0.5 Reviewed DLP (Data Loss Protection) security configurations with K. Muppa (PG&E);	0.5	

EXHIBIT C2**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Data Security Services

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Josh Conkel	01/06/20	0.9 Meeting with G. Vadathu, F. Molina, C. Mattos, K. Muppa (PG&E), T. Sedgwick, G. Rich, K. Hornland, B. Zhang, G. Dupree (KPMG) to discuss the status of the Data Inventory and De-Identification work stream deliverables and relative tasks-in-motion. T. Sedgwick and J. Conkel (KPMG) spoke to the deliverables routed in the electronic document routing system that currently require approval from G. Vadathu and T. Howe (PG&E). G. Rich, G. Dupree (KPMG) detailed the pending items required for completing the de-identification Disaster Recovery deliverable. K. Hornland (KPMG) and B. Zhang (KPMG) both Consolidated and distributed the current status of completing the Collibra product installations within the remaining quality assurance and production environments.	0.9	
Bob Zhang	01/06/20	0.9 Meeting with G. Vadathu, F. Molina, C. Mattos, K. Muppa (PG&E), T. Sedgwick, J. Conkel, G. Rich, K. Hornland, G. Dupree (KPMG) to discuss the status of the Data Inventory and De-Identification work stream deliverables and relative tasks-in-motion. T. Sedgwick and J. Conkel (KPMG) spoke to the deliverables routed in the electronic document routing system that currently require approval from G. Vadathu and T. Howe (PG&E). G. Rich, G. Dupree (KPMG) detailed the pending items required for completing the de-identification Disaster Recovery deliverable. K. Hornland and B. Zhang (KPMG) both Consolidated and distributed the current status of completing the Collibra product installations within the remaining quality assurance and production environments.	0.9	
Garrett Dupree	01/06/20	0.9 Meeting with G. Vadathu, F. Molina, C. Mattos, K. Muppa (PG&E), T. Sedgwick, J. Conkel, G. Rich, K. Hornland, and B. Zhang (KPMG) to discuss the status of the Data Inventory and De-Identification work stream deliverables and relative tasks-in-motion. T. Sedgwick and J. Conkel (KPMG) spoke to the deliverables routed in the electronic document routing system that currently require approval from G. Vadathu and T. Howe (PG&E). G. Rich, G. Dupree (KPMG) detailed the pending items required for completing the Disaster Recovery deliverable. K. Hornland and B. Zhang (KPMG) both Consolidated and distributed the current status of completing the Collibra product installations within the remaining quality assurance and production environments. ;	0.9	

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Data Security Services

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Gary Rich	01/06/20	0.9 Meeting with G. Vadathu, F. Molina, C. Mattos, K. Muppa (PG&E), T. Sedgwick, J. Conkel, K. Hornland, B. Zhang, G. Dupree (KPMG) to discuss the status of the Data Inventory and De-Identification work stream deliverables and relative tasks-in-motion. T. Sedgwick and J. Conkel (KPMG) spoke to the deliverables routed in the electronic document routing system that currently require approval from G. Vadathu and T. Howe (PG&E). G. Rich, G. Dupree (KPMG) detailed the pending items required for completing the de-identification Disaster Recovery deliverable. K. Hornland and B. Zhang (KPMG) both Consolidated and distributed the current status of completing the Collibra product installations within the remaining quality assurance and production environments. 0.5 Meeting with T. Sedgwick, G. Dupree, K. Hornland, Y. Kerzner and B. Zhang (KPMG) to discuss the tasks for the week relative to the Data Inventory, Data Loss Prevention and De-Identification work streams. G. Rich, Y. Kerzner (KPMG) provided information regarding the outstanding De-Identification deliverables. G. Dupree (KPMG) provided feedback on remaining items for the Data Loss Prevention work stream, and K. Hornland and B. Zhang (KPMG) provided updates for Data Inventory deliverables. Resolved to finalize deliverables, address workpapers, and schedule additional installation sessions for Vendor B tool.	1.4	
Bob Zhang	01/06/20	1.0 Attend required Collibra "Workflow Engineering" training;	1.0	
Kristy Hornland	01/06/20	1.5 Continued reviewing Collibra Level 1 Certification course to prepare for Ranger training;	1.5	
Bob Zhang	01/06/20	1.1 Capture screenshots for ERDS (Electronic Routing Delivery System) approvals of 2019 deliverables for Data Inventory;	1.1	

EXHIBIT C2

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Data Security Services

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Toby Sedgwick	01/06/20	1.5 Meeting with M. Gomez (KPMG) to review project status and 2020 project roadmap; 0.4 Meeting with S. Inder, D. Jha (Vendor B), C. Mattos (PG&E), G. Rich, G. Dupree, Y. Kerzner (KPMG) to provide a status update on the Vendor B tool installation progress. Discussed status of F5 Firewall exception requests and resolved to send meeting invites to K. Muppa (PG&E) as well; 0.9 Meeting with G. Vadathu (KPMG), F. Molina, C. Mattos, K. Muppa (PG&E), J. Conkel, G. Rich, K. Hornland, B. Zhang, G. Dupree (KPMG) to discuss the status of the Data Inventory and De-Identification work stream deliverables and relative tasks-in-motion. T. Sedgwick and J. Conkel (KPMG) spoke to the deliverables routed in the electronic document routing system that currently require approval from G. Vadathu and T. Howe (PG&E). G. Rich, G. Dupree (KPMG) detailed the pending items required for completing the de-identification Disaster Recovery deliverable. K. Hornland and B. Zhang (KPMG) both Consolidated and distributed the current status of completing the Collibra product installations within the remaining quality assurance and production environments; 0.5 Meeting with G. Rich, G. Dupree, K. Hornland, Y. Kerzner and B. Zhang (KPMG) to discuss the tasks for the week relative to the Data Inventory, Data Loss Prevention and De-Identification work streams. G. Rich, Y. Kerzner (KPMG) provided information regarding the outstanding De-Identification deliverables. G. Dupree (KPMG) provided feedback on remaining items for the Data Loss Prevention work stream.	3.3	
Yosef Kerzner	01/06/20	1.5 Verified / tested accessibility to Vendor B Virtual browser address, following on corresponding work order and email chains.; 0.5 Reviewed workpaper requirements provided by K. Hornland (KPMG) / began to organize De-Identification deliverable evidence using information from PG&E's internal document routing system.	2.0	
Michael Gomez	01/06/20	1.5) Meeting with T. Sedgwick (KPMG) to review 2019 project status and 2020 project roadmap	1.5	
Garrett Dupree	01/06/20	1.8 Updated the Data Loss Prevention SharePoint site collection documentation to include the most recent version of the corresponding deliverables at the request of T. Sedgwick (KPMG) and G. Vadathu (PG&E).	1.8	
Bob Zhang	01/06/20	2.0 Collected and sorted documents from 2019 deliverables for Data Inventory;	2.0	
Bob Zhang	01/06/20	2.0 Attend required Collibra "Rest ALI" training;	2.0	

EXHIBIT C2

PG&E Corporation and PG&E Company, et.al.

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Data Security Services

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Garrett Dupree	01/06/20	2.6 Drafted list of relative port functions utilized by the Data Loss Prevention system at the request of K. Muppa (PG&E) to include with the system security process document he is drafting. This task was in addition to the task performed earlier in the day on (1/6) where the utilized port list was created. ;	2.6	
Garrett Dupree	01/06/20	2.8 Drafted list of open ports for the Data Loss Prevention to give to K. Muppa (PG&E) in order for him to complete a system security process document at the request of G. Vadathu (PG&E). ;	2.8	
Kristy Hornland	01/06/20	3.2 Continued, from earlier on 1/6, reviewing Collibra Level 1 Certification course to prepare for Ranger training	3.2	
Kristy Hornland	01/06/20	3.4 Reviewing Collibra Level 1 Certification course to prepare for Ranger training;	3.4	
Toby Sedgwick	01/07/20	0.5 Meeting with T. Sedgwick, G. Rich, Y. Kerzner, G. Dupree (KPMG) to discuss the tasks-in-motion for the week in order to further the De-Identification disaster recovery plan and technical runbook deliverables; 1.3 Meeting with T. Sedgwick, J. Conkel, G. Rich, K. Hornland, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the tasks-in-motion and key project objectives for the year 2020 relative to the Data Inventory and De-Identification work streams. T. Sedgwick (KPMG) spoke to the forecasted statement of work alterations and additions for the Data Inventory and De-Identification work streams in order to reflect the Vendor B and Collibra deployments in the cloud. G. Rich, Y. Kerzner (KPMG) constructed a list of information requests to serve the Vendor B vendor in relation to the deployment of the de-identification product in the cloud. J. Conkel and G. Dupree (KPMG) provided details of any pending Data Loss Prevention deliverables that are awaiting approval within the electronic document routing system. K. Hornland and B. Zhang (KPMG) detailed the revised timeline and accompanying dependencies for completing the Collibra installations in the remaining quality assurance and production environments;	1.8	

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Data Security Services

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Yosef Kerzner	01/07/20	0.5 Meeting with T. Sedgwick, G. Rich, G. Dupree (KPMG) to discuss the tasks-in-motion for the week in order to further the De-Identification disaster recovery plan and technical runbook deliverables.; 1.0 Continued to organize De-Identification deliverable evidence using information from PG&E's internal document routing system, including screenshots and document IDs for reference within a spreadsheet developed for this purpose.; 1.3 Meeting with T. Sedgwick, J. Conkel, G. Rich, K. Hornland, B. Zhang, G. Dupree (KPMG) to discuss the tasks-in-motion and key project objectives for the year 2020 relative to the Data Inventory and De-Identification work streams. T. Sedgwick (KPMG) spoke to the forecasted statement of work alterations and additions for the Data Inventory and De-Identification work streams in order to reflect the Vendor B and Collibra deployments in the cloud. G. Rich, Y. Kerzner (KPMG) constructed a list of information requests to serve the Vendor B vendor in relation to the deployment of the de-identification product in the cloud. J. Conkel, G. Dupree (KPMG) provided details of any pending Data Loss Prevention deliverables that are awaiting approval within the electronic document routing system. K. Hornland and B. Zhang (KPMG) detailed the revised timeline and accompanying dependencies for completing the Collibra installations in the remaining quality assurance and production environments.; 0.8 Spoke with C. Mattos (PG&E) regarding the updates that had been made to the Runbook and Disaster Recovery documents.; 0.4	4.0	
Garrett Dupree	01/07/20	0.5 Meeting with T. Sedgwick, G. Rich, Y. Kerzner (KPMG) to discuss the tasks-in-motion for the week in order to further the De-Identification disaster recovery plan and technical runbook deliverables. ;	0.5	

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Data Security Services

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Gary Rich	01/07/20	0.5 Meeting with T. Sedgwick, Y. Kerzner, G. Dupree (KPMG) to discuss the tasks-in-motion for the week in order to further the De-Identification disaster recovery plan and technical runbook deliverables. 1.3 Meeting with T. Sedgwick, J. Conkel, Hornland, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the tasks-in-motion and key project objectives for the year 2020 relative to the Data Inventory and De-Identification work streams. T. Sedgwick (KPMG) spoke to the forecasted statement of work alterations and additions for the Data Inventory and De-Identification work streams in order to reflect the Vendor B and Colibra deployments in the cloud. G. Rich, Y. Kerzner (KPMG) constructed a list of information requests to serve the Vendor B vendor in relation to the deployment of the de-identification product in the cloud. J. Conkel, G. Dupree (KPMG) provided details of any pending Data Loss Prevention deliverables that are awaiting approval within the electronic document routing system. K. Hornland and B. Zhang (KPMG) detailed the revised timeline and accompanying dependencies for completing the Colibra installations in the remaining quality assurance and production environments.	1.8	
Bob Zhang	01/07/20	0.5 Updated financial planning document, as of 1/7, to reflect current status of EDRS routings for communication to client.	0.5	
Josh Conkel	01/07/20	1.3 Meeting with T. Sedgwick, G. Rich, K. Hornland, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the tasks-in-motion and key project objectives for the year 2020 relative to the Data Inventory and De-Identification work streams. T. Sedgwick (KPMG) spoke to the forecasted statement of work alterations and additions for the Data Inventory and De-Identification work streams in order to reflect the Vendor B and Colibra deployments in the cloud. G. Rich, Y. Kerzner (KPMG) constructed a list of information requests to serve the Vendor B vendor in relation to the deployment of the de-identification product in the cloud. J. Conkel, G. Dupree (KPMG) provided details of any pending Data Loss Prevention deliverables that are awaiting approval within the electronic document routing system. K. Hornland and B. Zhang (KPMG) detailed the revised timeline and accompanying dependencies for completing the Colibra installations in the remaining quality assurance and production environments.	1.3	

EXHIBIT C2**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Data Security Services

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Garrett Dupree	01/07/20	1.3 Meeting with T. Sedgwick, J. Conkel, G. Rich, K. Hornland, Y. Kerzner and B. Zhang (KPMG) to discuss the tasks-in-motion and key project objectives for the year 2020 relative to the Data Inventory and De-Identification work streams. T. Sedgwick (KPMG) spoke to the forecasted statement of work alterations and additions for the Data Inventory and De-Identification work streams in order to reflect the Vendor B and Collibra deployments in the cloud. G. Rich, Y. Kerzner (KPMG) constructed a list of information requests to serve the Vendor B vendor in relation to the deployment of the de-identification product in the cloud. J. Conkel, G. Dupree (KPMG) provided details of any pending Data Loss Prevention deliverables that are awaiting approval within the electronic document routing system. K. Hornland and B. Zhang (KPMG) detailed the revised timeline and accompanying dependencies for completing the Collibra installations in the remaining quality assurance and production environments. ;	1.3	
Bob Zhang	01/07/20	1.3 Meeting with T. Sedgwick, J. Conkel, G. Rich, K. Hornland, Y. Kerzner, G. Dupree (KPMG) to discuss the tasks-in-motion and key project objectives for the year 2020 relative to the Data Inventory and De-Identification work streams. T. Sedgwick (KPMG) spoke to the forecasted statement of work alterations and additions for the Data Inventory and De-Identification work streams in order to reflect the Vendor B and Collibra deployments in the cloud. G. Rich, Y. Kerzner (KPMG) constructed a list of information requests to serve the Vendor B vendor in relation to the deployment of the de-identification product in the cloud. J. Conkel, G. Dupree (KPMG) provided details of any pending Data Loss Prevention deliverables that are awaiting approval within the electronic document routing system. K. Hornland and B. Zhang (KPMG) detailed the revised timeline and accompanying dependencies for completing the Collibra installations in the remaining quality assurance and production environments.;	1.3	
Kristy Hornland	01/07/20	2.0 Continued reviewing, as of 1/7, updated SOW details to ensure completion of materials in prior FY and plan for upcoming;	2.0	
Bob Zhang	01/07/20	2.0 Continued, as of 1/6, to collected and sorted documents from 2019 deliverables for Data Inventory;	2.0	
Garrett Dupree	01/07/20	2.0 Updated the Data Loss Prevention file share and personal drive shares test results deliverable to mask the sensitive share destination information in order to secure the confidentiality of the scan information.	2.0	

EXHIBIT C2

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Data Security Services

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Garrett Dupree	01/07/20	2.3 Updated the Data Loss Prevention customer care and human resources test result deliverable to mask the sensitive scanning information originally noted within the document. This information was masked to secure the confidentiality of the test results. ;	2.3	
Garrett Dupree	01/07/20	2.9 Created a spreadsheet that documents the current electronic document routing system approval status for project deliverables at the request of T. Sedgwick (KPMG). This task was lengthy as the routing numbers for each project deliverable had to be individually searched for and the pending approvers had to be noted within the spreadsheet. This request originated from G. Vadathu (PG&E) requesting to know what the pending items are for the project. ;	2.9	
Kristy Hornland	01/07/20	3.4 Reviewing updated SOW details to ensure completion of materials in prior FY and plan for upcoming;	3.4	
Kristy Hornland	01/08/20	0.6 Meeting with S. Saroay, F. Molina and M. Cameron (PG&E) to discuss OneCloud expectations for DR plan;	0.6	
Bob Zhang	01/08/20	1.0 Colibra "Workflow Engineering" training and troubleshooting Colibra Java API;	1.0	
Kristy Hornland	01/08/20	1.2 Updating Data Recovery plan, as of 1/8, to reflect changes from meeting.;	1.2	
Garrett Dupree	01/08/20	2.3 Consolidated the latest versions of all the routed Data Loss Prevention work stream deliverables pulled from the electronic document routing system and sorted each deliverable with its corresponding statement of work item in order to track the progress of the workstream. Task was performed at the request of G. Vadathu (PG&E) to affirm the completion of the Data Loss Prevention work stream project objectives. ;	2.3	
Garrett Dupree	01/08/20	2.8 Consolidated the latest versions of all the routed Data Inventory deliverables pulled from the electronic document routing system and sorted each deliverable with its corresponding statement of work item in order to track the progress of the workstream. Task was performed at the request of T. Sedgwick (KPMG). ;	2.8	
Garrett Dupree	01/08/20	2.9 Consolidated the latest versions of all the routed De-Identification work stream deliverables pulled from the electronic document routing system and sorted each deliverable with its corresponding statement of work item in order to track the progress of the workstream. Task was performed at the request of T. Sedgwick (KPMG). ;	2.9	
Bob Zhang	01/08/20	3.0 Reviewed 2020 Data Inventory Cloud deliverables based on 2019 Data Inventory Unstructured deliverables;	3.0	
Bob Zhang	01/08/20	3.2 Removed PG&E sensitive data from deliverables to be submitted for workpapers;	3.2	

EXHIBIT C2

PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088
Data Security Services
January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Kristy Hornland	01/08/20	3.2 Reviewing Collibra Level 2 Certification course to prepare for Ranger training.;	3.2	
Toby Sedgwick	01/09/20	0.9 Meeting with G. Rich, J. Conkel, Y. Kerzner, G. Dupree (KPMG) to strategize documentation development prior to drafting the updated statement of work for the cloud and unstructured Data De-Identification workstream effort targeted in 2020. T. Sedgwick (KPMG) lead questions on the overall strategy, J. Conkel (KPMG) provided SME-specific knowledge of the PG&E environment, and G. Rich, Y. Kerzner, G. Dupree (KPMG) provided De-Identification-specific information and were instructed to schedule several meetings for additional information gathering;	0.9	
Garrett Dupree	01/09/20	0.9 Meeting with T. Sedgwick, G. Rich, J. Conkel, Y. Kerzner (KPMG) to strategize documentation development prior to drafting the updated statement of work for the cloud and unstructured Data De-Identification workstream effort targeted in 2020. T. Sedgwick (KPMG) lead questions on the overall strategy, J. Conkel (KPMG) provided SME specific knowledge of the PG&E environment, and G. Rich, Y. Kerzner, G. Dupree (KPMG) provided De-Identification specific information and were instructed to schedule several meetings for additional information gathering. ; 2.6 Updated the Data Inventory populated list of on premises data repository locations to mask the SharePoint site collections that include employee identification strings in order to secure the confidentiality of the document contents. ; 2.0 Researched the methods for placing a SQL (structured query language) server in standby mode to incorporate into the De-Identification disaster recovery plan deliverable.	5.5	

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Data Security Services

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Yosef Kerzner	01/09/20	0.6 Reviewed updated Runbook and Disaster Recovery documents with G. Dupree (KPMG) and discussed changes that needed to be made.; 0.5 Using information from multiple Outlook calendars, scheduled next installation session of the Vendor B tool within the production environment created for this purpose.; 0.8 In person discussion with K. Muppa (PG&E) to review requirements for next installation session of the Vendor B tool, scheduled for the following week.; 0.9 Meeting with T. Sedgwick, G. Rich, J. Conkel, Y. Kerzner, G. Dupree (KPMG) to strategize documentation development prior to drafting the updated statement of work for the cloud and unstructured Data De-Identification workstream effort targeted in 2020. T. Sedgwick (KPMG) lead questions on the overall strategy, J. Conkel (KPMG) provided SME specific knowledge of the PG&E environment, and G. Rich, Y. Kerzner, G. Dupree (KPMG) provided De-Identification specific information and were instructed to schedule several meetings for additional information gathering.; 1.0 Consolidated notes from the recent meeting to strategize documentation development for the cloud and unstructured Data De-identification workstream effort targeted in 2020, including additional meetings to schedule.; 0.2 Reviewed information provided by G. Dupree (KPMG) on high-level utilized environments at PG&E including SharePoint and cloud storage.	4.0	
Bob Zhang	01/09/20	0.5 Updated financial planning document to reflect current status of EDRS routings;	0.5	
Josh Conkel	01/09/20	0.9 Meeting with T. Sedgwick, G. Rich, Y. Kerzner, G. Dupree (KPMG) to strategize documentation development prior to drafting the updated statement of work for the cloud and unstructured Data De-Identification workstream effort targeted in 2020. T. Sedgwick (KPMG) lead questions on the overall strategy, J. Conkel (KPMG) provided knowledge of the PG&E environment, and G. Rich, Y. Kerzner, G. Dupree (KPMG) provided De-Identification specific information and were instructed to schedule several meetings for additional information gathering.	0.9	

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Name	Date	Description	Hours	Amount
Gary Rich	01/09/20	0.9 Meeting with T. Sedgwick, J. Conkel, Y. Kerzner, G. Dupree (KPMG) to strategize documentation development prior to drafting the updated statement of work for the cloud and unstructured Data De-Identification workstream effort targeted in 2020. T. Sedgwick (KPMG) lead questions on the overall strategy, J. Conkel (KPMG) provided knowledge of the PG&E environment, and G. Rich, Y. Kerzner, G. Dupree (KPMG) provided De-Identification specific information and were instructed to schedule several meetings for additional information gathering.	0.9	
Kristy Hornland	01/09/20	1.0 Continued, as of 1/9, reviewing Collibra Level 3 Certification course to prepare for Ranger training;	1.0	
Bob Zhang	01/09/20	1.0 Continued, as of 1/9, to remove PG&E sensitive data from 2019 deliverables to be submitted for workpapers;	1.0	
Kristy Hornland	01/09/20	1.2 Analyzed the approach to remediation of 24 repositories based on scan results.;	1.2	
Bob Zhang	01/09/20	1.5 Reviewed Data Loss Prevention scan results from unstructured data repositories to determine which would be remediated as part of 24 in pilot;	1.5	
Bob Zhang	01/09/20	2.0 Developed workflows to be included in Collibra platform;	2.0	
Bob Zhang	01/09/20	3.0 Removed PG&E sensitive data from 2019 deliverables to be submitted for workpapers;	3.0	

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Name	Date	Description	Hours	Amount
Toby Sedgwick	01/10/20	0.4 Meeting with S. Inder, D. Jha (Vendor B), C. Mattos (PG&E), G. Rich, G. Dupree, Y. Kerzner (KPMG) to provide a status update on the Vendor B tool installation progress. Discussed status of F5 Firewall exception requests and resolved to send meeting invites to K. Muppa (PG&E) as well; 0.4 Meeting with S. Inder, D. Jha (Vendor B), J. Conkel, G. Rich, G. Dupree, Y. Kerzner (KPMG) to review Vendor B cloud capabilities with vendor. T. Sedgwick (KPMG) lead questions, G. Dupree and J. Conkel (KPMG) provided context of systems in use at PG&E, and G. Rich, Y. Kerzner (KPMG) provided additional support and questions; 0.5 Meeting with J. Conkel, K. Hornland, B. Zhang, G. Dupree (KPMG) to discuss the preliminary list of data repositories to include with the Data Inventory repository remediation deliverable. This discussion resulted in the selection of four repositories to use for completing this deliverable based on the results compiled from the Data Loss Prevention scans of these locations. T. Sedgwick and J. Conkel (KPMG) identified the qualifying repository characteristics for each of the identified shares. K. Hornland and B. Zhang (KPMG) detailed the scan results for each of the identified repositories. G. Dupree (KPMG) began drafting the verbiage requirements for addressing the data repository owners in carrying out these remediation actions;	1.3	
Yosef Kerzner	01/10/20	0.4 Corresponded with potential Windows admin who would be able to assist on an upcoming installation of the Vendor B tool in the production environment.; 0.4 Meeting with S. Inder, D. Jha (Vendor B), C. Mattos (PG&E), T. Sedgwick, G. Rich, G. Dupree (KPMG) to provide a status update on the Vendor B tool installation progress. Discussed status of F5 Firewall exception requests and resolved to send meeting invites to K. Muppa (PG&E) as well.; 0.4 Meeting with S. Inder, D. Jha (Vendor B), J. Conkel, G. Rich, T. Sedgwick, G. Dupree (KPMG) to review Vendor B cloud capabilities with vendor. T. Sedgwick lead questions, G. Dupree and J. Conkel (KPMG) provided context of systems in use at PG&E, and G. Rich, Y. Kerzner (KPMG) provided additional support and questions.; 1.2 Consolidated list of accomplishments and upcoming activities for the following week for the weekly status email and sent the results to K. Hornland (KPMG).; 1.6 Continued to work on Disaster Recovery plan, including making changes to specific recovery sections for datacenter failover.	4.0	

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Name	Date	Description	Hours	Amount
Gary Rich	01/10/20	0.4 Meeting with S. Inder, D. Jha (Vendor B), C. Mattos (PG&E), T. Sedgwick, G. Dupree, Y. Kerzner (KPMG) to provide a status update on the Vendor B tool installation progress. Discussed status of F5 Firewall exception requests and resolved to send meeting invites to K. Muppa (PG&E) as well. 0.4 Meeting with S. Inder, D. Jha (Vendor B), J. Conkel, T. Sedgwick, G. Dupree, Y. Kerzner (KPMG) to review Vendor B cloud capabilities with vendor. T. Sedgwick (KPMG) lead questions, G. Dupree and J. Conkel (KPMG) provided context of systems in use at PG&E, and G. Rich, Y. Kerzner (KPMG) provided additional support and questions.	0.8	
Josh Conkel	01/10/20	0.4 Meeting with S. Inder, D. Jha (Vendor B), G. Rich, T. Sedgwick, G. Dupree, Y. Kerzner (KPMG) to review Vendor B cloud capabilities with vendor. T. Sedgwick (KPMG) lead questions, G. Dupree and J. Conkel (KPMG) provided context of systems in use at PG&E, and G. Rich, Y. Kerzner (KPMG) provided additional support and questions. 0.5 Meeting with T. Sedgwick, K. Hornland, B. Zhang, G. Dupree (KPMG) to discuss the preliminary list of data repositories to include with the Data Inventory repository remediation deliverable. This discussion resulted in the selection of four repositories to use for completing this deliverable based on the results compiled from the Data Loss Prevention scans of these locations. T. Sedgwick and J. Conkel (KPMG) identified the qualifying repository characteristics for each of the identified shares. K. Hornland and B. Zhang (KPMG) detailed the scan results for each of the identified repositories. G. Dupree (KPMG) began drafting the verbiage requirements for addressing the data repository owners in carrying out these remediation actions.	0.9	
Garrett Dupree	01/10/20	0.4 Meeting with S. Inder, D. Jha (Vendor B), J. Conkel, G. Rich, T. Sedgwick, Y. Kerzner (KPMG) to review Vendor B cloud capabilities with vendor. T. Sedgwick (KPMG) lead questions, G. Dupree and J. Conkel (KPMG) provided context of systems in use at PG&E, and G. Rich, Y. Kerzner (KPMG) provided additional support and questions. ;	0.4	
Kristy Hornland	01/10/20	0.5 Meeting with T. Sedgwick, J. Conkel, G. Dupree and B. Zhang (KPMG) to discuss the 24 remediation approach.; 2.1 Updating weekly status report for Collibra deployment for communication to vendor	2.6	

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Name	Date	Description	Hours	Amount
Garrett Dupree	01/10/20	0.5 Meeting with T. Sedgwick, J. Conkel, K. Hornland and B. Zhang (KPMG) to discuss the preliminary list of data repositories to include with the Data Inventory repository remediation deliverable. This discussion resulted in the selection of four repositories to use for completing this deliverable based on the results compiled from the Data Loss Prevention scans of these locations. T. Sedgwick and J. Conkel (KPMG) identified the qualifying repository characteristics for each of the identified shares. K. Hornland and B. Zhang (KPMG) detailed the scan results for each of the identified repositories. G. Dupree (KPMG) began drafting the verbiage requirements for addressing the data repository owners in carrying out these remediation actions. ;	0.5	
Bob Zhang	01/10/20	0.5 Meeting with T. Sedgwick, J. Conkel, K. Hornland, G. Dupree (KPMG) to discuss the preliminary list of data repositories to include with the Data Inventory repository remediation deliverable. This discussion resulted in the selection of four repositories to use for completing this deliverable based on the results compiled from the Data Loss Prevention scans of these locations. T. Sedgwick and J. Conkel (KPMG) identified the qualifying repository characteristics for each of the identified shares. K. Hornland and B. Zhang (KPMG) detailed the scan results for each of the identified repositories. G. Dupree (KPMG) began drafting the verbiage requirements for addressing the data repository owners in carrying out these remediation actions.;	0.5	
Bob Zhang	01/10/20	0.5 Met with G. Vadathu (PG&E) to discuss Collibra deliverables completion for 2019, as well as plans for 2020;	0.5	
Bob Zhang	01/10/20	1.0 Confirmed the versions were up to date and met all KPMG and PG&E standards prior to upload into workpaper SharePoint	1.0	
Michael Gomez	01/10/20	1.5) Principal review of requested updates to 2020 data security program deliverables and crafted plan for 2020 achievement to deliver	1.5	
Bob Zhang	01/10/20	2.5 Drafted remediation communications to be sent to repository owners as part of Collibra pilot;	2.5	
Garrett Dupree	01/10/20	2.9 Consolidated the capabilities of the Vendor B cloud deployment product in preparation for the upcoming meeting (1/10) with the Vendor B product specialist S. Inder (Vendor B) so that any gaps between the listed capabilities and the required PG&E capabilities may be addressed in order to evaluate the effectiveness of the products discovery scanning features in identifying sensitive customer information. ;	2.9	

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Name	Date	Description	Hours	Amount
Garrett Dupree	01/10/20	3.1 Created a spreadsheet identifying the currently utilized PG&E on premises and cloud environments to give to the Vendor B specialist S. Inder (Vendor B) so that the tool can be evaluated for whether or not it is able to scan the organization's utilized repositories and services. This task was lengthy as a visual representation had to be created to accompany the spreadsheet.	3.1	
Bob Zhang	01/10/20	3.4 Reviewed Data Loss Prevention scan results from unstructured data repositories to determine which would be remediated as part of 24 in pilot;	3.4	
Toby Sedgwick	01/13/20	0.9 Meeting with T. Howe, G. Vadathu, S. Yem, F. Molina, C. Mattos, F. Molina (PG&E), J. Conkel, G. Rich, K. Hornland, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the pending items for the Data Inventory and De-identification work streams and review the go / no go checklist for the Data Loss Prevention deployment to production. T. Sedgwick, K. Hornland and B. Zhang (KPMG) lead discussions around the pending virtual internet protocol address required to finish the installation of the Collibra application. G. Rich, Y. Kerzner, G. Dupree (KPMG) lead discussions around the production installation status of the Vendor B de-identification tool. J. Conkel (KPMG) lead discussions around the Collibra firewall request requirements needed for the upcoming production install on 1/22; 0.9 Meeting with J. Conkel, G. Rich, K. Hornland, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory and De-Identification work streams. T.Sedgwick, K. Hornland and B. Zhang (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory work stream, which largely centered around completing the production installation of the Collibra application. G. Rich, Y. Kerzner, G. Dupree (KPMG) provided updates for the de-identification work stream, which largely centered around the information requirements for deploying the Vendor B tool in the cloud for 2020. J. Conkel (KPMG) provided insight into the probable data remediation approaches for the Data Inventory work stream;	1.8	
Yosef Kerzner	01/13/20	0.3 Quick touchpoint with G. Rich (KPMG) to discuss regarding open action items/ next steps	0.3	
Yosef Kerzner	01/13/20	0.8 Meeting with G. Dupree (KPMG) for an overview of the issues caused by insufficient permissions on the machines hosting the Vendor B tool, so he could collate them and provide them to PG&E team members in an organized format.;	0.8	

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Name	Date	Description	Hours	Amount
Josh Conkel	01/13/20	0.9 Meeting with T. Howe, G. Vadathu, S. Yem, F. Molina, C. Mattos, F. Molina (PG&E), T. Sedgwick, G. Rich, K. Hornland, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the pending items for the Data Inventory and De-identification work streams and review the go / no go checklist for the Data Loss Prevention deployment to production. T. Sedgwick, K. Hornland and B. Zhang (KPMG) lead discussions around the pending virtual internet protocol address required to finish the installation of the Collibra application. G. Rich, Y. Kerzner, G. Dupree (KPMG) lead discussions around the production installation status of the Vendor B de-identification tool. J. Conkel (KPMG) lead discussions around the Collibra firewall request requirements needed for the upcoming production install on 1/22. 0.9 Meeting with T. Sedgwick, G. Rich, K. Hornland, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory and De-Identification work streams. T. Sedgwick, K. Hornland and B. Zhang (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory work stream, which largely centered around completing the production installation of the Collibra application. G. Rich, Y. Kerzner, G. Dupree (KPMG) provided updates for the de-identification work stream, which largely centered around the information requirements for deploying the Vendor B tool in the cloud for 2020. J. Conkel (KPMG) provided insight into the probable data remediation approaches for the Data Inventory work stream.	1.8	
Yosef Kerzner	01/13/20	0.9 Meeting with T. Howe, G. Vadathu, S. Yem, F. Molina, C. Mattos, F. Molina (PG&E), T. Sedgwick, J. Conkel, G. Rich, K. Hornland B. Zhang, G. Dupree (KPMG) to discuss the pending items for the Data Inventory and De-identification work streams and review the go / no go checklist for the Data Loss Prevention deployment to production. T. Sedgwick, K. Hornland, and B. Zhang (KPMG) lead discussions around the pending virtual internet protocol address required to finish the installation of the Collibra application. G. Rich, Y. Kerzner, G. Dupree (KPMG) lead discussions around the production installation status of the Vendor B de-identification tool. J. Conkel (KPMG) lead discussions around the Collibra firewall request requirements needed for the upcoming production install on 1/22;	0.9	

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Name	Date	Description	Hours	Amount
Garrett Dupree	01/13/20	0.9 Meeting with T. Howe, G. Vadathu, S. Yem, F. Molina, C. Mattos, F. Molina (PG&E), T. Sedgwick, J. Conkel, G. Rich, K. Hornland Y. Kerzner and B. Zhang (KPMG) to discuss the pending items for the Data Inventory and De-identification work streams and review the go / no go checklist for the Data Loss Prevention deployment to production. T. Sedgwick, K. Hornland and B. Zhang (KPMG) lead discussions around the pending virtual internet protocol address required to finish the installation of the Collibra application. G. Rich, Y. Kerzner, G. Dupree (KPMG) lead discussions around the production installation status of the Vendor B de-identification tool. J. Conkel (KPMG) lead discussions around the Collibra firewall request requirements needed for the upcoming production install on 1/22. ;	0.9	
Bob Zhang	01/13/20	0.9 Meeting with T. Howe, G. Vadathu, S. Yem, F. Molina, C. Mattos, F. Molina (PG&E), T. Sedgwick, J. Conkel, G. Rich, K. Hornland Y. Kerzner, G. Dupree (KPMG) to discuss the pending items for the Data Inventory and De-identification work streams and review the go / no go checklist for the Data Loss Prevention deployment to production. T. Sedgwick, K. Hornland and B. Zhang (KPMG) lead discussions around the pending virtual internet protocol address required to finish the installation of the Collibra application. G. Rich, Y. Kerzner, G. Dupree (KPMG) lead discussions around the production installation status of the Vendor B de-identification tool. J. Conkel (KPMG) lead discussions around the Collibra firewall request requirements needed for the upcoming production install on 1/22.;	0.9	
Kristy Hornland	01/13/20	0.9 Meeting with T. Howe, G. Vadathu, S. Yem, F. Molina, C. Mattos, F. Molina (PG&E), T. Sedgwick, J. Conkel, G. Rich, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the pending items for the Data Inventory and De-identification work streams and review the go / no go checklist for the Data Loss Prevention deployment to production. T. Sedgwick, K. Hornland and B. Zhang (KPMG) lead discussions around the pending virtual internet protocol address required to finish the installation of the Collibra application. G. Rich, Y. Kerzner, G. Dupree (KPMG) lead discussions around the production installation status of the Vendor B de-identification tool. J. Conkel (KPMG) lead discussions around the Collibra firewall request requirements needed for the upcoming production install on 1/22.;	0.9	

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Name	Date	Description	Hours	Amount
Gary Rich	01/13/20	0.9 Meeting with T. Howe, G. Vadathu, S. Yem, F. Molina, C. Mattos, F. Molina (PG&E), T. Sedgwick, J. Conkel, K. Hornland, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the pending items for the Data Inventory and De-identification work streams and review the go / no go checklist for the Data Loss Prevention deployment to production. T. Sedgwick, K. Hornland and B. Zhang (KPMG) lead discussions around the pending virtual internet protocol address required to finish the installation of the Collibra application. G. Rich, Y. Kerzner, G. Dupree (KPMG) lead discussions around the production installation status of the Vendor B de-identification tool. J. Conkel (KPMG) lead discussions around the Collibra firewall request requirements needed for the upcoming production install on 1/22. 0.9 Meeting with T. Sedgwick, J. Conkel, K. Hornland, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory and De-Identification work streams. T. Sedgwick, K. Hornland and B. Zhang (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory work stream, which largely centered around completing the production installation of the Collibra application. G. Rich, Y. Kerzner, G. Dupree (KPMG) provided updates for the de-identification work stream, which largely centered around the information requirements for deploying the Vendor B tool in the cloud for 2020. J. Conkel (KPMG) provided insight into the probable data remediation approaches for the Data Inventory work stream.	1.8	
Yosef Kerzner	01/13/20	0.9 Meeting with T. Sedgwick, J. Conkel, G. Rich, K. Hornland, B. Zhang, G. Dupree (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory and De-Identification work streams. T. Sedgwick, K. Hornland, and B. Zhang (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory work stream, which largely centered around completing the production installation of the Collibra application. G. Rich, Y. Kerzner, G. Dupree (KPMG) provided updates for the de-identification work stream, which largely centered around the information requirements for deploying the Vendor B tool in the cloud for 2020. J. Conkel (KPMG) provided insight into the probable data remediation approaches for the Data Inventory work stream.;	0.9	

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Name	Date	Description	Hours	Amount
Garrett Dupree	01/13/20	0.9 Meeting with T. Sedgwick, J. Conkel, G. Rich, K. Hornland, Y. Kerzner and B. Zhang (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory and De-Identification work streams. T. Sedgwick, K. Hornland and B. Zhang (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory work stream, which largely centered around completing the production installation of the Collibra application. G. Rich, Y. Kerzner, G. Dupree (KPMG) provided updates for the de-identification work stream, which largely centered around the information requirements for deploying the Vendor B tool in the cloud for 2020. J. Conkel (KPMG) provided insight into the probable data remediation approaches for the Data Inventory work stream. ;	0.9	
Bob Zhang	01/13/20	0.9 Meeting with T. Sedgwick, J. Conkel, G. Rich, K. Hornland, Y. Kerzner, G. Dupree (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory and De-Identification work streams. T.Sedgwick, K. Hornland and B. Zhang (KPMG) identified the key tasks in motion and pending deliverable items for the Data Inventory work stream, which largely centered around completing the production installation of the Collibra application. G. Rich, Y. Kerzner, G. Dupree (KPMG) provided updates for the de-identification work stream, which largely centered around the information requirements for deploying the Vendor B tool in the cloud for 2020. J. Conkel (KPMG) provided insight into the probable data remediation approaches for the Data Inventory work stream.;	0.9	
Kristy Hornland	01/13/20	0.9 Meeting with T. Sedgwick, J. Conkel, G. Rich, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory and De-Identification work streams. T.Sedgwick, K. Hornland and B. Zhang (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory work stream, which largely centered around completing the production installation of the Collibra application. G. Rich, Y. Kerzner, G. Dupree (KPMG) provided updates for the de-identification work stream, which largely centered around the information requirements for deploying the Vendor B tool in the cloud for 2020. J. Conkel (KPMG) provided insight into the probable data remediation approaches for the Data Inventory work stream.;	0.9	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	01/13/20	1.5 Attempted to work through an issue of insufficient permissions on the machines hosting the Vendor B tool in QA and Production, including testing permissions on all the components using the received special PG&E admin role that had been assigned for our use.;	1.5	
Bob Zhang	01/13/20	1.5 Updated User Run Book as of 1/13	1.5	
Yosef Kerzner	01/13/20	1.6 Performed additional updates to the Runbook including updates on specific components of the Vendor B tool and installation.	1.6	
Garrett Dupree	01/13/20	1.9 Created a template for the Data Inventory remediation of two to four selected repositories deliverable that will be used during correspondence between the Data Security Program and the repository owner. This template depicts the full file path and illustrates the categories of information found within the file repository.	1.9	
Yosef Kerzner	01/13/20	2.0 Consolidated open action items, including the runbook and disaster recovery plan, in order to provide G. Dupree (KPMG) with sufficient information on pending items and deliverables.	2.0	
Bob Zhang	01/13/20	2.2 Documented steps of Collibra QA environment installation.	2.2	
Garrett Dupree	01/13/20	2.3 Investigated the issue with running super issue commands across the Collibra servers, which is needed to configure the tool once it is fully installed. Investigation resulted in narrowing the problem down to an access control list and file that needs to be edited. ;	2.3	
Bob Zhang	01/13/20	2.5 Communicate via email with stakeholders for Collibra remediation.	2.5	
Garrett Dupree	01/13/20	2.9 Created a document that plans the future security groups that will control access to the Vendor B de-identification tool based on the role based access configurations available within the tool. ;	2.9	
Kristy Hornland	01/13/20	3.0 Continued, as of 1/13, Reviewed / updated remediation approach content for upcoming meeting on 1.14 with T. Howe (PG&E).;	3.0	
Kristy Hornland	01/13/20	3.4 Reviewed / updated remediation approach content for upcoming meeting on 1.14 with T. Howe (PG&E).;	3.4	
Yosef Kerzner	01/14/20	0.6 Followed up with PG&E team members on Runbook feedback for additional changes to be made to the draft.;	0.6	

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Name	Date	Description	Hours	Amount
Kristy Hornland	01/14/20	0.6 Meeting with T. Howe (PG&E), T. Sedgwick, J. Conkel, B. Zhang, G. Dupree (KPMG) to confirm the proposed repositories that will be used to satisfy the Data Inventory remediation of two to four selected on premises repositories deliverable. T. Sedgwick and B. Zhang (KPMG) discussed the qualifying factors of the identified personal drive shares. J. Conkel and K. Hornland (KPMG) discussed the qualifying factors inherent to the Human Resources file share. G. Dupree (KPMG) discussed the qualifying factors for the remaining two general network file shares that require access configuration changes.;	0.6	
Garrett Dupree	01/14/20	0.6 Meeting with T. Howe (PG&E), T. Sedgwick, J. Conkel, K. Hornland and B. Zhang (KPMG) to confirm the proposed repositories that will be used to satisfy the Data Inventory remediation of two to four selected on premises repositories deliverable. T. Sedgwick and B. Zhang (KPMG) discussed the qualifying factors of the identified personal drive shares. J. Conkel and K. Hornland (KPMG) discussed the qualifying factors inherent to the Human Resources file share. G. Dupree (KPMG) discussed the qualifying factors for the remaining two general network file shares that require access configuration changes ;	0.6	
Bob Zhang	01/14/20	0.6 Meeting with T. Howe (PG&E), T. Sedgwick, J. Conkel, K. Hornland, G. Dupree (KPMG) to confirm the proposed repositories that will be used to satisfy the Data Inventory remediation of two to four selected on premises repositories deliverable. T. Sedgwick and B. Zhang (KPMG) discussed the qualifying factors of the identified personal drive shares. J. Conkel and K. Hornland (KPMG) discussed the qualifying factors inherent to the Human Resources file share. G. Dupree (KPMG) discussed the qualifying factors for the remaining two general network file shares that require access configuration changes.;	0.6	
Josh Conkel	01/14/20	0.6 Meeting with T. Howe (PG&E), T. Sedgwick, K. Hornland, B. Zhang, G. Dupree (KPMG) to confirm the proposed repositories that will be used to satisfy the Data Inventory remediation of two to four selected on premises repositories deliverable. T. Sedgwick and B. Zhang (KPMG) discussed the qualifying factors of the identified personal drive shares. J. Conkel and K. Hornland (KPMG) discussed the qualifying factors inherent to the Human Resources file share. G. Dupree (KPMG) discussed the qualifying factors for the remaining two general network file shares that require access configuration changes.	0.6	
Bob Zhang	01/14/20	0.9 Continued, as of 1/14, to document steps of Colibra QA installation.;	0.9	

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Name	Date	Description	Hours	Amount
Michael Gomez	01/14/20	1.0) Principal review of data inventory remediation email templates; .5) Principal review of de-identification application notification templates	1.5	
Yosef Kerzner	01/14/20	1.2 Updated installation tracker for use in the upcoming installation session of the Vendor B tool.;	1.2	
Yosef Kerzner	01/14/20	1.3 Meeting with T. Sedgwick, G. Dupree (KPMG) to identify the remaining pieces of the De-Identification technical runbook and disaster recovery plan deliverables in order to create a task list for resolving the deliverable completion dependencies. This meeting resulted in the completion of several document sections across the aforementioned deliverables as well as a task list for resolving the remaining items.;	1.3	
Garrett Dupree	01/14/20	1.3 Meeting with T. Sedgwick, Y. Kerzner (KPMG) to identify the remaining pieces of the De-Identification technical runbook and disaster recovery plan deliverables in order to create a task list for resolving the deliverable completion dependencies. This meeting resulted in the completion of several document sections across the aforementioned deliverables as well as a task list for resolving the remaining items. ;	1.3	

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Name	Date	Description	Hours	Amount
Toby Sedgwick	01/14/20	1.4 Meeting with B. Spell, C. Mattos, S. Yem, K. Muppa, V. Wong, P. Guan, K. Cook (PG&E), S. Inder (Vendor B), G. Rich, Y. Kerzner, G. Dupree (KPMG) to install the Vendor B application across the four servers in the production environment. G. Rich, Y. Kerzner (KPMG) led the direction of the installation by confirming the installation configurations made by P. Guan (PG&E) with the vendor installation checklist. T. Sedgwick, G. Dupree (KPMG) made continuous updates to the installation task list, which tracks the installation status of the components required across the development, production, and disaster recovery environments; 1.3 Meeting with Y. Kerzner, G. Dupree (KPMG) to identify the remaining pieces of the De-Identification technical runbook and disaster recovery plan deliverables in order to create a task list for resolving the deliverable completion dependencies. This meeting resulted in the completion of several document sections across the aforementioned deliverables as well as a task list for resolving the remaining items; 0.6 Meeting with T. Howe (PG&E), T. Sedgwick, J. Conkel, K. Hornland, B. Zhang, G. Dupree (KPMG) to confirm the proposed repositories that will be used to satisfy the Data Inventory remediation of two to four selected on-premises repositories deliverable. T. Sedgwick and B. Zhang (KPMG) discussed the qualifying factors of the identified personal drive shares. J. Conkel and K. Hornland (KPMG) discussed the qualifying factors inherent to the Human Resources file share. G. Dupree (KPMG) discussed the qualifying factors for the	3.3	
Yosef Kerzner	01/14/20	1.4 Meeting with B. Spell, C. Mattos, S. Yem, K. Muppa, V. Wong, P. Guan, K. Cook (PG&E), S. Inder (Vendor B), T. Sedgwick, G. Rich, G. Dupree (KPMG) to install the Vendor B application across the four servers in the production environment. G. Rich, Y. Kerzner (KPMG) led the direction of the installation by confirming the installation configurations made by P. Guan (PG&E) with the vendor installation checklist. T. Sedgwick, G. Dupree (KPMG) made continuous updates to the installation task list, which tracks the installation status of the components required across the development, production, and disaster recovery environments.;	1.4	

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Name	Date	Description	Hours	Amount
Garrett Dupree	01/14/20	1.4 Meeting with B. Spell, C. Mattos, S. Yem, K. Muppa, V. Wong, P. Guan, K. Cook (PG&E), S. Inder (Vendor B), T. Sedgwick, G. Rich, Y. Kerzner (KPMG) to install the Vendor B application across the four servers in the production environment. G. Rich, Y. Kerzner (KPMG) lead the direction of the installation by confirming the installation configurations made by P. Guan (PG&E) with the vendor installation checklist. T. Sedgwick, G. Dupree (KPMG) made continuous updates to the installation task list, which tracks the installation status of the components required across the development, production, and disaster recovery environments. ;	1.4	
Gary Rich	01/14/20	1.4 Meeting with B. Spell, C. Mattos, S. Yem, K. Muppa, V. Wong, P. Guan, K. Cook (PG&E), S. Inder (Vendor B), T. Sedgwick, G. Dupree (KPMG) to install the Vendor B application across the four servers in the production environment. G. Rich, Y. Kerzner (KPMG) lead the direction of the installation by confirming the installation configurations made by P. Guan (PG&E) with the vendor installation checklist. T. Sedgwick, G. Dupree (KPMG) made continuous updates to the installation task list, which tracks the installation status of the components required across the development, production, and disaster recovery environments. 0.6 Reviewed prod installation checklist provided by Y. Kerzner (KPMG) 0.4 touch point with Y. Kerzner (KPMG) as of 1/14 for next steps	2.4	
Yosef Kerzner	01/14/20	1.5 Corresponded with S. Saroay (PG&E) regarding inclusion of cloud backup information into the Disaster Recovery plan draft, and incorporated links from his feedback into the Disaster Recovery draft.;	1.5	
Bob Zhang	01/14/20	2.0 Validated unstructured scan results as of 1/14 in preparation for remediation.;	2.0	
Bob Zhang	01/14/20	2.5 Revised email templates to stakeholders for remediation.;	2.5	
Garrett Dupree	01/14/20	2.8 Created a document to note the configuration changes within the Vendor B tool for changing the authentication method to use the Active Directory.	2.8	
Garrett Dupree	01/14/20	2.8 Researched the process for altering the existing authentication method used for the Vendor B servers to leverage the PG&E active directory. This configuration change is required as the tool moves to the production environment. ;	2.8	
Kristy Hornland	01/14/20	3.1 Continue, from earlier on 1/14, updating remediation PowerPoint presentation to reflect changes to communications based on T. Howe's (PG&E) feedback.	3.1	
Kristy Hornland	01/14/20	3.4 Updating remediation PowerPoint presentation to reflect changes to communications based on T. Howe's feedback.	3.4	

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Name	Date	Description	Hours	Amount
Michael Gomez	01/15/20	.5) Principal review of approach to install SSL certifications and LDAP access management for Vendor B and Collibra applications	0.5	
Yosef Kerzner	01/15/20	0.4 Discussion with G. Dupree (KPMG) regarding progress and next steps for the de-identification workstream.;	0.4	
Yosef Kerzner	01/15/20	0.5 Updated disaster recovery to prepare for upcoming meeting with the PG&E SQL Database administrator, highlighting specific sections that need to be changed for the administrator's understanding.;	0.5	
Yosef Kerzner	01/15/20	0.6 Corresponded with Vendor B team via their ticketing system to be able to obtain the necessary license files to configure the recently installed Vendor B tool.;	0.6	
Yosef Kerzner	01/15/20	0.6 Verified that all directories were properly configured for the second upcoming installation session of the Vendor B tool, on the different individual components that remained to be configured.;	0.6	
Yosef Kerzner	01/15/20	1.0 Updated the runbook, as of 1/15, to incorporate latest updates from the recent installation of the Vendor B tool.;	1.0	
Yosef Kerzner	01/15/20	1.4 Verified contents of Vendor B license prior to upload to PG&E SharePoint for inclusion in the next installation session.;	1.4	
Yosef Kerzner	01/15/20	1.5 Updated SharePoint folders on PG&E file sharing site to accommodate recent list of deliverables and also to match recently updated workpaper list.;	1.5	
Bob Zhang	01/15/20	1.5 Updated steps of Collibra installation based on feedback from F. Molina (PG&E).	1.5	
Toby Sedgwick	01/15/20	1.6 Meeting with J. Conkel, K. Hornland, B. Zhang, G. Dupree (KPMG) to collaboratively update the user email notification templates to be used for the Data Inventory remediation approach in which file owners are contacted in regards to the data security violations that were detected by the Data Loss Prevention system during the pilot scans. T. Sedgwick (KPMG) provided updates for the email template targeted towards general employees. K. Hornland and J. Conkel (KPMG) provided updates for the email template targeted towards repository owners that have access configuration violations. B. Zhang and G. Dupree (KPMG) provided updates for the email template targeted towards personal drive share owners that have file storage violations;	1.6	

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Name	Date	Description	Hours	Amount
Kristy Hornland	01/15/20	1.6 Meeting with T. Sedgwick, J. Conkel, B. Zhang, G. Dupree (KPMG) to collaboratively update the user email notification templates to be used for the Data Inventory remediation approach in which file owners are contacted in regards to the data security violations that were detected by the Data Loss Prevention system during the pilot scans. T. Sedgwick (KPMG) provided updates for the email template targeted towards general employees. K. Hornland and J. Conkel (KPMG) provided updates for the email template targeted towards repository owners that have access configuration violations. B. Zhang, G. Dupree (KPMG) provided updates for the email template targeted towards personal drive share owners that have file storage violations ;	1.6	
Garrett Dupree	01/15/20	1.6 Meeting with T. Sedgwick, J. Conkel, K. Hornland and B. Zhang (KPMG) to collaboratively update the user email notification templates to be used for the Data Inventory remediation approach in which file owners are contacted in regards to the data security violations that were detected by the Data Loss Prevention system during the pilot scans. T. Sedgwick (KPMG) provided updates for the email template targeted towards general employees. K. Hornland and J. Conkel (KPMG) provided updates for the email template targeted towards repository owners that have access configuration violations. B. Zhang, G. Dupree (KPMG) provided updates for the email template targeted towards personal drive share owners that have file storage violations. ;	1.6	
Bob Zhang	01/15/20	1.6 Meeting with T. Sedgwick, J. Conkel, K. Hornland, G. Dupree (KPMG) to collaboratively update the user email notification templates to be used for the Data Inventory remediation approach in which file owners are contacted in regards to the data security violations that were detected by the Data Loss Prevention system during the pilot scans. T. Sedgwick (KPMG) provided updates for the email template targeted towards general employees. K. Hornland and J. Conkel (KPMG) provided updates for the email template targeted towards repository owners that have access configuration violations. B. Zhang, G. Dupree (KPMG) provided updates for the email template targeted towards personal drive share owners that have file storage violations.;	1.6	

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Name	Date	Description	Hours	Amount
Josh Conkel	01/15/20	1.6 Meeting with T. Sedgwick, K. Hornland, B. Zhang, G. Dupree (KPMG) to collaboratively update the user email notification templates to be used for the Data Inventory remediation approach in which file owners are contacted in regards to the data security violations that were detected by the Data Loss Prevention system during the pilot scans. T. Sedgwick (KPMG) provided updates for the email template targeted towards general employees. K. Hornland and J. Conkel (KPMG) provided updates for the email template targeted towards repository owners that have access configuration violations. B. Zhang, G. Dupree (KPMG) provided updates for the email template targeted towards personal drive share owners that have file storage violations.	1.6	
Garrett Dupree	01/15/20	2.0 Continued, as of 1/15, to created a spreadsheet to canvas the detailed Data Loss Prevention scan pilot results for the selected Human Resources file share, which will be leveraged to create the email correspondence for remediating the data placement within the repository. This task works towards satisfying the requirements of the Data Inventory remediation of two to four repositories deliverable.	2.0	
Yosef Kerzner	01/15/20	2.0 Used Vendor B tool to connect and deidentify data in the test SQL database that was configured for this purpose, and developed a process to restore masked data to enable better testing.	2.0	
Kristy Hornland	01/15/20	2.3 Updating timeline of remediation communication, as of 1/15, in line with notifications.;	2.3	
Bob Zhang	01/15/20	2.5 Revised remediation emails for review by T. Howe (PG&E).;	2.5	
Garrett Dupree	01/15/20	2.6 Continued, from earlier on 1/15, to created a spreadsheet to canvas the detailed Data Loss Prevention scan pilot results for the selected network file share with shared access across the PG&E domain, which will be leveraged to create the email correspondence for remediating the data placement within the repository.	2.6	
Garrett Dupree	01/15/20	2.8 Created a spreadsheet to canvas the detailed Data Loss Prevention scan pilot results for the selected personal drive share, which will be leveraged to create the email correspondence for remediating the data placement within the repository.	2.8	
Yosef Kerzner	01/16/20	0.4 Meeting with C. Mattos (PG&E) to discuss the approach necessary to configure the Vendor B tool to use secure certifications for connections.;	0.4	
Yosef Kerzner	01/16/20	0.4 Meeting with K. Hornland (PG&E) to discuss weekly updates and progress of de-identification workstream.;	0.4	
Bob Zhang	01/16/20	0.6 Continue, as of 1/16, validating unstructured scan results in preparation for remediation.;	0.6	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	01/16/20	0.7 Corresponded with B. Spell (PG&E) regarding specific information necessary for secure certificate information.	0.7	
Yosef Kerzner	01/16/20	1.0 Collected updates on weekly progress of De-Identification workstream in advance of upcoming weekly status meeting for communication to client	1.0	
Yosef Kerzner	01/16/20	0.5 Corresponded with the Oracle Database Administrator to change password of recently configured Oracle database to one that has not expired, 1.0 to the test Oracle database using the Vendor B tool to determine what information was indeed in the tool.;	1.5	
Kristy Hornland	01/16/20	1.9 Review, as of 1/16, change order updates along with assigned deliverables to Data Inventory workstream to ensure coverage.;	1.9	
Bob Zhang	01/16/20	2.0 Finalized/confirmed installation steps for distribution to internal stakeholders in advance of Development and Production Installations of Collibra.;	2.0	
Bob Zhang	01/16/20	2.0 Updated Collibra User Run Book based on feedback from T. Howe (PG&E) as of 1/16	2.0	
Yosef Kerzner	01/16/20	2.0 Used updated Oracle database credentials to build a connection string and attempt to connect with the Oracle database that was reconfigured for our use	2.0	
Yosef Kerzner	01/16/20	2.0 Used Vendor B DgSecure tool to connect to and scan data in the test Oracle database.;	2.0	
Kristy Hornland	01/16/20	2.2 Prepared the weekly status report for PG&E	2.2	
Garrett Dupree	01/16/20	2.8 Consolidated the information requirements to submit to P. Guan (PG&E) to fix the Linux directory permissions issue on the Vendor B servers. These permissions are required to complete the installation of the Vendor B tool apart of the Data De-Identification project.	2.8	
Garrett Dupree	01/16/20	2.9 Researched the configuration requirements for enabling the secure sockets layer webfront access feature of the Vendor B tool in the quality assurance environment. This feature is vital to the completed installation of the tool as it ensures the internet traffic between the user and Vendor B remains secure.	2.9	
Garrett Dupree	01/16/20	3.3 Consolidated the information requirements to submit to D. Fernandez (PG&E) to fix the Linux directory permissions issue on the Collibra servers. These permissions are required to complete the installation of the Collibra tool apart of the Data Inventory project. ;	3.3	
Kristy Hornland	01/16/20	3.3 Perform classification of deliverables on PG&E side to align with statement of work	3.3	
Bob Zhang	01/16/20	3.4 Validated unstructured scan results, as of 1/16, in preparation for remediation.;	3.4	
Michael Gomez	01/16/20	Meeting with K. Hornland and T. Sedgwick (KPMG) to review weekly status and discuss project risks and issues.	0.8	

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Name	Date	Description	Hours	Amount
Michael Gomez	01/17/20	.3) Provided additional feedback on weekly status in preparation for discussion with PG&E Sr. Director J. Heffelfinger	0.3	
Toby Sedgwick	01/17/20	0.3 Meeting with K. Hornland, M. Gomez, and T. Sedgwick (KPMG) to review weekly status and discuss project risks and issues; 0.4 Meeting with V. Wong, C. Mattos, K. Muppa (PG&E), T. Sedgwick, G. Rich, Y. Kerzner, G. Dupree (KPMG) to review the Vendor B disaster recovery plan deliverable Structured Query Language (SQL) server recovery procedures with subject matter expert V. Wong (PG&E) in order to verify the procedural accuracy. 0.4 Meeting with C. Mattos, K. Muppa (PG&E), S. Inder, D. Jha (Vendor B), T. Sedgwick, G. Rich, Y. Kerzner, G. Dupree (KPMG) to share the production installation status and updates of the Vendor B tool in order to identify which pieces of the installation remain. T. Sedgwick and G. Rich (KPMG) shared the installation statuses for production and disaster recovery instances, respectively. Y. Kerzner (KPMG) shared the Secure Sockets Layer (SSL) certificate status for the Vendor B tool. G. Dupree (KPMG) inquired regarding the Active Directory transition requirements from local authentication to the Local Domain Access Protocol; 0.5 Meeting with T. Sedgwick, G. Rich, G. Dupree, Y. Kerzner (KPMG) to review active action items for the week and discuss next steps for the De-Identification workstream. Y. Kerzner (KPMG) provided specific items for discussion, G. Dupree (KPMG) provided input on Vendor B authentication/authorization configuration plan, and T. Sedgwick and G. Rich (KPMG) provided additional input on meetings to be scheduled with client stakeholders;	1.3	
Yosef Kerzner	01/17/20	0.4 Meeting with C. Mattos, K. Muppa (PG&E), S. Inder, D. Jha (Vendor B), T. Sedgwick, G. Rich, G. Dupree (KPMG) to share the production installation status and updates of the Vendor B tool in order to identify which pieces of the installation remain. T. Sedgwick and G. Rich (KPMG) shared the installation statuses for production and disaster recovery instances, respectively. Y. Kerzner (KPMG) shared the Secure Sockets Layer (SSL) certificate status for the Vendor B tool. G. Dupree (KPMG) inquired regarding the Active Directory transition requirements from local authentication to the Local Domain Access Protocol;	0.4	

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Name	Date	Description	Hours	Amount
Garrett Dupree	01/17/20	0.4 Meeting with C. Mattos, K. Muppa (PG&E), S. Inder, D. Jha (Vendor B), T. Sedgwick, G. Rich, Y. Kerzner (KPMG) to share the production installation status and updates of the Vendor B tool in order to identify which pieces of the installation remain. T. Sedgwick and G. Rich (KPMG) shared the installation statuses for production and disaster recovery instances, respectively. Y. Kerzner (KPMG) shared the Secure Sockets Layer (SSL) certificate status for the Vendor B tool. G. Dupree (KPMG) inquired regarding the Active Directory transition requirements from local authentication to the Local Domain Access Protocol. ;	0.4	
Yosef Kerzner	01/17/20	0.4 Meeting with V. Wong, C. Mattos, K. Muppa (PG&E), T. Sedgwick, G. Rich, G. Dupree (KPMG) to review the Vendor B disaster recovery plan deliverable Structured Query Language (SQL) server recovery procedures with subject matter expert V. Wong (PG&E) in order to verify the procedural accuracy.	0.4	
Garrett Dupree	01/17/20	0.4 Meeting with V. Wong, C. Mattos, K. Muppa (PG&E), T. Sedgwick, G. Rich, Y. Kerzner (KPMG) to review the Vendor B disaster recovery plan deliverable Structured Query Language (SQL) server recovery procedures with subject matter expert V. Wong (PG&E) in order to verify the procedural accuracy.	0.4	
Bob Zhang	01/17/20	0.5 Meeting with G. Vadathu (PG&E) to discuss accomplishments of current week and goals for upcoming week;	0.5	
Gary Rich	01/17/20	0.5 Meeting with T. Sedgwick, G. Dupree, Y. Kerzner (KPMG) to review active action items for the week and discuss next steps for the De-Identification workstream. Y. Kerzner (KPMG) provided specific items for discussion, G. Dupree (KPMG) provided input on Vendor B authentication/authorization configuration plan, and T. Sedgwick and G. Rich (KPMG) provided additional input on meetings to be scheduled with client stakeholders. 0.4 Meeting with V. Wong, C. Mattos, K. Muppa (PG&E), T. Sedgwick, G. Rich, Y. Kerzner (KPMG) to review the Vendor B disaster recovery plan deliverable Structured Query Language (SQL) server recovery procedures with subject matter expert V. Wong (PG&E) in order to verify the procedural accuracy.	0.9	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	01/17/20	0.5 Meeting with T. Sedgwick, G. Rich, G. Dupree (KPMG) to review active action items for the week and discuss next steps for the De-Identification workstream. Y. Kerzner (KPMG) provided specific items for discussion, G. Dupree (KPMG) provided input on Vendor B authentication/authorization configuration plan, and T. Sedgwick and G. Rich (KPMG) provided additional input on meetings to be scheduled with client stakeholders.:	0.5	
Garrett Dupree	01/17/20	0.5 Meeting with T. Sedgwick, G. Rich, Y. Kerzner (KPMG) to review active action items for the week and discuss next steps for the De-Identification workstream. Y. Kerzner (KPMG) provided specific items for discussion, G. Dupree (KPMG) provided input on Vendor B authentication/authorization configuration plan, and T. Sedgwick and G. Rich (KPMG) provided additional input on meetings to be scheduled with client stakeholders. :	0.5	
Yosef Kerzner	01/17/20	0.7 Reviewed G. Dupree's (KPMG) updates to the DR plan, made some changes to database specific sections, then sent the updated draft to V. Wong (PG&E) for him to add his additional expert knowledge elements to the plan.	0.7	
Yosef Kerzner	01/17/20	1.5 Drafting next action items and key takeaways after status meeting with KPMG team members, consolidated them, to share with the team.;	1.5	
Garrett Dupree	01/17/20	2.0 Updated the de-identification Vendor B disaster recovery plan deliverable to include the procedures for placing the standby server in Rancho Cordova into active mode after the failover from Fairfield has completed.	2.0	
Yosef Kerzner	01/17/20	2.5 Performed analysis to properly deidentify data within the SQL database environment that was configured for the use of the De-Identification workstream, including restoring data from backup.;	2.5	
Garrett Dupree	01/17/20	2.7 Updated the de-identification Vendor B disaster recovery plan deliverable to include the procedures for placing the standby server in Fairfield into active mode. ;	2.7	
Garrett Dupree	01/17/20	2.8 Consolidated the information requirements for submitting a request for the PG&E Certificate Authority to accept the keys of the Vendor B servers that will support the secure sockets layer connections. This continues the task from (1/16) by focusing on the ticket requirements, rather than the configuration changes within the tool itself. ;	2.8	
Bob Zhang	01/17/20	3.0 Perform analysis to troubleshoot issue with TSC regarding WebEx accessibility.;	3.0	
Bob Zhang	01/17/20	3.3 Scrubbed sensitive/confidential data from Data Inventory workpapers;	3.3	
Bob Zhang	01/20/20	2.0 Troubleshoot Collibra installation steps	2.0	

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Name	Date	Description	Hours	Amount
Garrett Dupree	01/20/20	0.3 Meeting with K. Hornland, J. Conkel, G. Rich, B. Zhang, Y. Kerzner (KPMG) to provide a midday update on progress of the De-Identification and Data Inventory workstreams. K. Hornland and J. Conkel (KPMG) discussed upcoming meetings and ensured that all PG&E calendar invites were properly synchronized. B. Zhang, G. Dupree (KPMG) provided an update on the status of Virtual IP configurations for the Colibra installation. Y. Kerzner and G. Rich (KPMG) provided status updates on the progress of the De-Identification workstream, which revolved around discussing changes to the runbook. ;	0.3	
Yosef Kerzner	01/20/20	0.3 Meeting with K. Hornland, J. Conkel, G. Rich, G. Dupree and B. Zhang (KPMG) to provide a midday update on progress of the De-Identification and Data Inventory workstreams. K. Hornland and J. Conkel (KPMG) discussed upcoming meetings and ensured that all PG&E calendar invites were properly synchronized. B. Zhang, G. Dupree (KPMG) provided an update on the status of Virtual IP configurations for the Colibra installation. Y. Kerzner and G. Rich (KPMG) provided status updates on the progress of the De-Identification workstream, which revolved around discussing changes to the runbook.;	0.3	
Bob Zhang	01/20/20	0.3 Meeting with K. Hornland, J. Conkel, G. Rich, G. Dupree, Y. Kerzner (KPMG) to provide a midday update on progress of the De-Identification and Data Inventory workstreams. K. Hornland and J. Conkel (KPMG) discussed upcoming meetings and ensured that all PG&E calendar invites were properly synchronized. B. Zhang, G. Dupree (KPMG) provided an update on the status of Virtual IP configurations for the Colibra installation. Y. Kerzner and G. Rich (KPMG) provided status updates on the progress of the De-Identification workstream, which revolved around discussing changes to the runbook.;	0.3	
Yosef Kerzner	01/20/20	0.4 Meeting with G. Dupree (KPMG) to discuss applicability of the effort to connect with the test Oracle database environment and relevance to existing deliverables for the Data De-Identification workstream.;	0.4	
Garrett Dupree	01/20/20	0.4 Meeting with Y. Kerzner (KPMG) to discuss applicability of the effort to connect with the test Oracle database environment and relevance to existing deliverables for the Data De-Identification workstream. ;	0.4	
Yosef Kerzner	01/20/20	0.6 Meeting with G. Rich (KPMG) to discuss necessary deliverables for de-identification of unstructured and cloud repository data in planned 2020 workstream.	0.6	

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Name	Date	Description	Hours	Amount
Gary Rich	01/20/20	0.6 Meeting with Y. Kerzner (KPMG) to discuss necessary deliverables for de-identification of unstructured and cloud repository data in planned 2020 workstream. 0.7 Meeting with J. Conkel, K. Hornland, G. Dupree, B. Zhang, Y. Kerzner (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory and De-Identification work streams. G. Rich, Y. Kerzner, G. Dupree (KPMG) provided updates for the de-identification work stream, which largely centered around completing the Prod installation of the Vendor B tool, planning the next few months of the Vendor B workstream, and scheduling meetings to review and signoff on the De-Identification Disaster Recovery plan. K. Hornland (KPMG), B. Zhang (KPMG), G. Dupree (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory work stream, which largely centered around scheduling the production installation of the Collibra application. J. Conkel (KPMG) provided insight into the probable data remediation approaches for the Data Inventory work stream. 0.3 Meeting with K. Hornland, J. Conkel, G. Dupree, B. Zhang, Y. Kerzner (KPMG) to provide a midday update on progress of the De-Identification and Data Inventory workstreams. K. Hornland and J. Conkel (KPMG) discussed upcoming meetings and ensured that all PG&E calendar invites were properly synchronized. B. Zhang, G. Dupree (KPMG) provided an update on the status of Virtual IP configurations for the Collibra installation. Y. Kerzner and G. Rich (KPMG) provided status updates on the	1.6	

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Name	Date	Description	Hours	Amount
Josh Conkel	01/20/20	0.7 Meeting with G. Rich, K. Hornland, G. Dupree, B. Zhang, Y. Kerzner (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory and De-Identification work streams. G. Rich, Y. Kerzner, G. Dupree (KPMG) provided updates for the de-identification work stream, which largely centered around completing the Prod installation of the Vendor B tool, planning the next few months of the Vendor B workstream, and scheduling meetings to review and signoff on the De-Identification Disaster Recovery plan. K. Hornland, B. Zhang, G. Dupree (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory work stream, which largely centered around scheduling the production installation of the Collibra application. J. Conkel (KPMG) provided insight into the probable data remediation approaches for the Data Inventory work stream. 0.3 Meeting with K. Hornland, G. Rich, G. Dupree, B. Zhang, Y. Kerzner (KPMG) to provide a midday update on progress of the De-Identification and Data Inventory workstreams. K. Hornland and J. Conkel (KPMG) discussed upcoming meetings and ensured that all PG&E calendar invites were properly synchronized. B. Zhang, G. Dupree (KPMG) provided an update on the status of Virtual IP configurations for the Collibra installation. Y. Kerzner and G. Rich (KPMG) provided status updates on the progress of the De-Identification workstream, which revolved around discussing changes to the runbook. 0.8 Meeting with G. Dupree, Y. Kerzner (KPMG) to discuss potential options on how to properly manage	1.8	
Garrett Dupree	01/20/20	0.7 Meeting with J. Conkel, G. Rich, K. Hornland, B. Zhang, Y. Kerzner (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory and De-Identification work streams. G. Rich, Y. Kerzner, G. Dupree (KPMG) provided updates for the de-identification work stream, which largely centered around completing the Prod installation of the Vendor B tool, planning the next few months of the Vendor B workstream, and scheduling meetings to review and signoff on the De-Identification Disaster Recovery plan. K. Hornland, B. Zhang, G. Dupree (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory work stream, which largely centered around scheduling the production installation of the Collibra application. J. Conkel (KPMG) provided insight into the probable data remediation approaches for the Data Inventory work stream. ;	0.7	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	01/20/20	0.7 Meeting with J. Conkel, G. Rich, K. Hornland, G. Dupree and B. Zhang (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory and De-Identification work streams. G. Rich, Y. Kerzner, G. Dupree (KPMG) provided updates for the de-identification work stream, which largely centered around completing the Prod installation of the Vendor B tool, planning the next few months of the Vendor B workstream, and scheduling meetings to review and signoff on the De-Identification Disaster Recovery plan. K. Hornland, B. Zhang, G. Dupree (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory work stream, which largely centered around scheduling the production installation of the Collibra application. J. Conkel (KPMG) provided insight into the probable data remediation approaches for the Data Inventory work stream.;	0.7	
Bob Zhang	01/20/20	0.7 Meeting with J. Conkel, G. Rich, K. Hornland, G. Dupree, Y. Kerzner (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory and De-Identification work streams. G. Rich, Y. Kerzner, G. Dupree (KPMG) provided updates for the de-identification work stream, which largely centered around completing the Prod installation of the Vendor B tool, planning the next few months of the Vendor B workstream, and scheduling meetings to review and signoff on the De-Identification Disaster Recovery plan. K. Hornland B. Zhang (KPMG), G. Dupree (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory work stream, which largely centered around scheduling the production installation of the Collibra application. J. Conkel (KPMG) provided insight into the probable data remediation approaches for the Data Inventory work stream.;	0.7	
Yosef Kerzner	01/20/20	0.8 Drafted problem statement for upcoming meeting with J. Conkel (KPMG) to discuss using a single user account or machine to access Oracle databases that would need to be de-identified in the future.;	0.8	
Yosef Kerzner	01/20/20	0.8 Meeting with J. Conkel, G. Dupree (KPMG) to discuss potential options on how to properly manage connections to the test Oracle database to be used for testing data de-identification activities within the QA Vendor B environment. Resolved to determine the work flow of connecting to application lower level environments, together with appropriate roles and responsibilities, which would help understand the level of involvement DSPO team members would need with Oracle database connections.;	0.8	

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Name	Date	Description	Hours	Amount
Garrett Dupree	01/20/20	0.8 Meeting with J. Conkel, Y. Kerzner (KPMG) to discuss potential options on how to properly manage connections to the test Oracle database to be used for testing data de-identification activities within the QA Vendor B environment. Resolved to determine the work flow of connecting to application lower level environments, together with appropriate roles and responsibilities, which would help understand the level of involvement DSPO team members would need with Oracle database connections. ;	0.8	
Bob Zhang	01/20/20	1.0 Created import view for all test scan results to be imported into Collibra with their import function.;	1.0	
Yosef Kerzner	01/20/20	1.0 Examined Oracle connection details provided by Oracle DBA to connect to the Oracle database configured for our testing, including issue preventing the team from connecting to the database directly to perform changes within the database.;	1.0	
Kristy Hornland	01/20/20	1.0 Meeting with M. Gomez and T. Sedgwick (KPMG) to discuss the team's accomplishments in the last year of delivery. 3.1 Reviewing financials slide and year in review summary to ensure completeness.;	4.1	
Yosef Kerzner	01/20/20	1.4 Examining planned statement of work for deliverables upcoming in 2020 and relevance to current workstream, considered additional client recommendations and suggestions to replace existing deliverables, and added them within the document.;	1.4	
Yosef Kerzner	01/20/20	2.0 Connected to Vendor B tool, ran data discovery scans, and explored options within user guide and installation guide on how to view potential customer data within the tool.;	2.0	
Bob Zhang	01/20/20	2.0 Consolidated data into single report for 4 repositories to undergo remediation in pilot;	2.0	
Bob Zhang	01/20/20	2.0 Updated email remediation template, as of 1/20, to be sent to stakeholders for remediation.;	2.0	
Garrett Dupree	01/20/20	2.9 Created test connection strings to use for testing connectivity to the identified test Oracle and Structured Query Language (SQL) databases in working towards completion of the De-Identification test results deliverable.	2.9	
Garrett Dupree	01/20/20	2.9 Tested the virtual internet protocol addresses for the Collibra application through attempting to connect to the identified servers through the command line interface as well as the web front interface.	2.9	
Bob Zhang	01/21/20	0.5 Performed debugging of the Firewall Exceptions for the Collibra install;	0.5	
Bob Zhang	01/21/20	1.5 Reviewed use cases for configuration of Collibra platform.	1.5	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	01/21/20	0.1 Follow-up regarding installation session of Vendor B tool in production environment to vendor for support during the call.;	0.1	
Yosef Kerzner	01/21/20	0.2 Discussion with G. Dupree (KPMG) regarding the need to switch Unix Administrator who will be performing Unix specific task during an upcoming installation of the Vendor B tool in production environment, on short notice.;	0.2	
Yosef Kerzner	01/21/20	0.4 Meeting with G. Dupree (KPMG) for a debrief after the second session of the Vendor B tool installation in the Prod environment and troubleshoot connections between different components within the environment.;	0.4	
Garrett Dupree	01/21/20	0.4 Meeting with G. Dupree, Y. Kerzner (KPMG) for a debrief after the second session of the Vendor B tool installation in the Prod environment and troubleshoot connections between different components within the environment. ;	0.4	
Kristy Hornland	01/21/20	0.5 Meeting with F. Molina, C. Mattos, K. Muppa (PG&E), T. Sedgwick, B. Zhang, G. Dupree (KPMG) to discuss the current statuses for the firewall exception requests required for the Colibra application. T. Sedgwick and K. Hornland (KPMG) lead discussions around the ports required for the installation to be successfully tested through the web interface. B. Zhang , G. Dupree (KPMG) lead discussions around the domain access protocol transition for user authentication when logging into the Colibra web interface.;	6.2	
		0.5 Meeting with T. Howe (PG&E), T. Sedgwick, J. Conkel, B. Zhang, G. Dupree (KPMG) to discuss the proposed communication templates for contacting repository owners to remediate instances where the use of the storage container violates current PG&E policies. T. Sedgwick and J. Conkel (KPMG) discussed the relevant PG&E standards and policies relative to the four identified network file share locations. K. Hornland and B. Zhang (KPMG) discussed the wording of the email templates in communicating the objective of the Data Security Program in remediating the file storage discrepancies across the identified file shares. G. Dupree (KPMG) discussed the approach for contacting the Human Resources line of business in order to provide recommended steps for remediating the identified file share belong to that business unit.;		
		1.5 Meeting with W. Xie, F. Molina, T. Howe, B. Spell (PG&E), R. Carillo (Colibra), T. Sedgwick, J. Conkel, B. Zhang, G. Dupree (KPMG) to run the installation of the Colibra tool across the three		

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Name	Date	Description	Hours	Amount
Garrett Dupree	01/21/20	0.5 Meeting with F. Molina, C. Mattos, K. Muppa (PG&E), T. Sedgwick, K. Hornland and B. Zhang (KPMG) to discuss the current statuses for the firewall exception requests required for the Collibra application. T. Sedgwick and K. Hornland (KPMG) lead discussions around the ports required for the installation to be successfully tested through the web interface. B. Zhang, G. Dupree (KPMG) lead discussions around the domain access protocol transition for user authentication when logging into the Collibra web interface. :	0.5	
Bob Zhang	01/21/20	0.5 Meeting with F. Molina, C. Mattos, K. Muppa (PG&E), T. Sedgwick, K. Hornland, G. Dupree (KPMG) to discuss the current statuses for the firewall exception requests required for the Collibra application. T. Sedgwick and K. Hornland (KPMG) lead discussions around the ports required for the installation to be successfully tested through the web interface. B. Zhang, G. Dupree (KPMG) lead discussions around the domain access protocol transition for user authentication when logging into the Collibra web interface.:	0.5	
Garrett Dupree	01/21/20	0.5 Meeting with T. Howe (PG&E), T. Sedgwick, J. Conkel, K. Hornland and B. Zhang (KPMG) to discuss the proposed communication templates for contacting repository owners to remediate instances where the use of the storage container violates current PG&E policies. T. Sedgwick and J. Conkel (KPMG) discussed the relevant PG&E standards and policies relative to the four identified network file share locations. K. Hornland and B. Zhang (KPMG) discussed the wording of the email templates in communicating the objective of the Data Security Program in remediating the file storage discrepancies across the identified file shares. G. Dupree (KPMG) discussed the approach for contacting the Human Resources line of business in order to provide recommended steps for remediating the identified file share belong to that business unit.	0.5	

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Name	Date	Description	Hours	Amount
Bob Zhang	01/21/20	0.5 Meeting with T. Howe (PG&E), T. Sedgwick, J. Conkel, K. Hornland, G. Dupree (KPMG) to discuss the proposed communication templates for contacting repository owners to remediate instances where the use of the storage container violates current PG&E policies. T. Sedgwick and J. Conkel (KPMG) discussed the relevant PG&E standards and policies relative to the four identified network file share locations. K. Hornland and B. Zhang (KPMG) discussed the wording of the email templates in communicating the objective of the Data Security Program in remediating the file storage discrepancies across the identified file shares. G. Dupree (KPMG) discussed the approach for contacting the Human Resources line of business in order to provide recommended steps for remediating the identified file share belong to that business unit.;	0.5	
Josh Conkel	01/21/20	0.5 Meeting with T. Howe (PG&E), T. Sedgwick, K. Hornland, B. Zhang, G. Dupree (KPMG) to discuss the proposed communication templates for contacting repository owners to remediate instances where the use of the storage container violates current PG&E policies. T. Sedgwick and J. Conkel (KPMG) discussed the relevant PG&E standards and policies relative to the four identified network file share locations. K. Hornland and B. Zhang (KPMG) discussed the wording of the email templates in communicating the objective of the Data Security Program in remediating the file storage discrepancies across the identified file shares. G. Dupree (KPMG) discussed the approach for contacting the Human Resources line of business in order to provide recommended steps for remediating the identified file share belong to that business unit. 1.5 Meeting with W. Xie, F. Molina, T. Howe, B. Spell (PG&E), R. Carillo (Collibra), T. Sedgwick, K. Hornland, B. Zhang, G. Dupree (KPMG) to run the installation of the Collibra tool across the three identified servers located within the development environment. T. Sedgwick and B. Zhang (KPMG) transcribed the installation steps and captured the relevant working directories for carrying out the installation. J. Conkel and K. Hornland (KPMG) worked with R. Carillo (Collibra) to identify and install the required services for the application. G. Dupree (KPMG) worked to move the required installation files across the identified range of Collibra servers.	2.0	
Yosef Kerzner	01/21/20	0.8 Meeting with G. Dupree (KPMG) to discuss the possibility of switching authentication mechanisms for Vendor B De-Identification tool, and to review draft of runbook.;	0.8	

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Name	Date	Description	Hours	Amount
Garrett Dupree	01/21/20	0.8 Meeting with Y. Kerzner (KPMG) to discuss the possibility of switching authentication mechanisms for Vendor B De-Identification tool, and to review draft of runbook. ;	0.8	
Yosef Kerzner	01/21/20	0.9 Meeting with T. Sedgwick, K. Hornland, G. Dupree (KPMG) to review planned deliverables for the 2020 De-Identification workstream. K. Hornland (KPMG) advised on specific recommended deliverables to consider adding to the list of planned deliverables, G. Dupree (KPMG) pointed out deliverables that could potentially be merged to provide more value to the client, T. Sedgwick (KPMG) provided clarity on different deliverables, such as a go/no-go checklist and service introduction documents, that would be necessary to complete delivery of the project workstream	0.9	
Garrett Dupree	01/21/20	0.9 Meeting with T. Sedgwick, K. Hornland and Y. Kerzner (KPMG) to review planned deliverables for the 2020 De-Identification workstream. K. Hornland (KPMG) advised on specific recommended deliverables to consider adding to the list of planned deliverables, G. Dupree (KPMG) pointed out deliverables that could potentially be merged to provide more value to the client, T. Sedgwick (KPMG) provided clarity on different deliverables, such as a go/no-go checklist and service introduction documents, that would be necessary to complete delivery of the project workstream	0.9	
Bob Zhang	01/21/20	1.0 Prepared scan targets for Data Loss Prevention rescans for remediated repositories.	1.0	
Yosef Kerzner	01/21/20	1.4 Prepared summary of recent changes to upcoming deliverables for cloud and unstructured deliverables within the deliverables financial tracker sheet.	1.4	
Garrett Dupree	01/21/20	1.5 Meeting with W. Xie, F. Molina, T. Howe, B. Spell (PG&E), R. Carillo (Collibra), T. Sedgwick, J. Conkel, K. Hornland and B. Zhang (KPMG) to run the installation of the Collibra tool across the three identified servers located within the development environment. T. Sedgwick and B. Zhang (KPMG) transcribed the installation steps and captured the relevant working directories for carrying out the installation. J. Conkel and K. Hornland (KPMG) worked with R. Carillo (Collibra) to identify and install the required services for the application. G. Dupree (KPMG) worked to move the required installation files across the identified range of Collibra servers .	1.5	

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Name	Date	Description	Hours	Amount
Bob Zhang	01/21/20	1.5 Meeting with W. Xie, F. Molina, T. Howe, B. Spell (PG&E), R. Carillo (Collibra), T. Sedgwick, J. Conkel, K. Hornland, G. Dupree (KPMG) to run the installation of the Collibra tool across the three identified servers located within the development environment. T. Sedgwick and B. Zhang (KPMG) transcribed the installation steps and captured the relevant working directories for carrying out the installation. J. Conkel and K. Hornland (KPMG) worked with R. Carillo (Collibra) to identify and install the required services for the application. G. Dupree (KPMG) worked to move the required installation files across the identified range of Collibra servers.	1.5	
Bob Zhang	01/21/20	1.5 Updated email remediation template based on feedback from K. Muppa, K. Cook (PG&E).	1.5	
Toby Sedgwick	01/21/20	1.7 Meeting with V. Wong, K. Muppa, C. Mattos, D. Lynch, M. Dixon, K. Cook, B. Spell (PG&E), A. Sinha, J. Peters (Vendor B), G. Rich, G. Dupree, Y. Kerzner (KPMG) to work through the second installation session of the Vendor B tool in the Production environment. Y. Kerzner (KPMG) led the installation session, G. Dupree (KPMG) took over partway through and completed the configuration of specific agent servers and the Vendor B software. T. Sedgwick and G. Rich (KPMG) assisted in supporting questions from the client and the vendor contacts; 0.9 Meeting with K. Hornland, G. Dupree, Y. Kerzner (KPMG) to review planned deliverables for the 2020 De-Identification workstream. K. Hornland (KPMG) advised on specific recommended deliverables to consider adding to the list of planned deliverables, G. Dupree (KPMG) pointed out deliverables that could potentially be merged to provide more value to the client, T. Sedgwick (KPMG) provided clarity on different deliverables, such as a go-no-go checklist and service introduction documents, that would be necessary to complete delivery of the project workstream, Y. Kerzner (KPMG) recorded deliberation on the value and usefulness of each deliverable to be used when developing the documentation in the future; 0.5 Meeting with F. Molina, C. Mattos, K. Muppa (PG&E), K. Hornland, B. Zhang, G. Dupree (KPMG) to discuss the current statuses for the firewall exception requests required for the Collibra application. T. Sedgwick and K. Hornland (KPMG) lead discussions around the ports	5.1	

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Name	Date	Description	Hours	Amount
Gary Rich	01/21/20	1.7 Meeting with V. Wong, K. Muppa, C. Mattos, D. Lynch, M. Dixon, K. Cook, B. Spell (PG&E), A. Sinha, J. Peters (Vendor B), T. Sedgwick, G. Dupree, Y. Kerzner (KPMG) to work through the second installation session of the Vendor B tool in the Production environment. Y. Kerzner (KPMG) led the installation session, G. Dupree (KPMG) took over partway through and completed the configuration of specific agent servers and the Vendor B software. T. Sedgwick and G. Rich (KPMG) assisted in supporting questions from the client and the vendor contacts. 0.9 Meeting with T. Sedgwick, K. Hornland, G. Dupree, Y. Kerzner (KPMG) to review planned deliverables for the 2020 De-Identification workstream. K. Hornland (KPMG) advised on specific recommended deliverables to consider adding to the list of planned deliverables, G. Dupree (KPMG) pointed out deliverables that could potentially be merged to provide more value to the client, T. Sedgwick (KPMG) provided clarity on different deliverables, such as a go/no-go checklist and service introduction documents, that would be necessary to complete delivery of the project workstream, Y. Kerzner (KPMG) recorded deliberation on the value and usefulness of each deliverable to be used when developing the documentation in the future. 0.4 touch point with Y. Kerzner (KPMG)	3.0	
Yosef Kerzner	01/21/20	1.7 Meeting with V. Wong, K. Muppa, C. Mattos, D. Lynch, M. Dixon, K. Cook, B. Spell (PG&E), A. Sinha, J. Peters (Vendor B), T. Sedgwick, G. Rich, G. Dupree (KPMG) to work through the second installation session of the Vendor B tool in the Production environment. Y. Kerzner (KPMG) led the installation session, G. Dupree (KPMG) took over partway through and completed the configuration of specific agent servers and the Vendor B software. T. Sedgwick and G. Rich (KPMG) assisted in supporting questions from the client and the vendor contacts.;	1.7	
Garrett Dupree	01/21/20	1.7 Meeting with V. Wong, K. Muppa, C. Mattos, D. Lynch, M. Dixon, K. Cook, B. Spell (PG&E), A. Sinha, J. Peters (Vendor B), T. Sedgwick, G. Rich, Y. Kerzner (KPMG) to work through the second installation session of the Vendor B tool in the Production environment. Y. Kerzner (KPMG) led the installation session, G. Dupree (KPMG) took over partway through and completed the configuration of specific agent servers and the Vendor B software. T. Sedgwick and G. Rich (KPMG) assisted in supporting questions from the client and the vendor contacts. ;	1.7	
Bob Zhang	01/21/20	2.0 Communication via email with client regarding data inventory remediation procedure.;	2.0	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	01/21/20	2.5 Preparing installation checklist for second installation session of Vendor B tool in production environments, concurrently documenting streamlined communication with PG&E personnel that will be executing the tasks.;	2.5	
Garrett Dupree	01/21/20	2.7 Updated the de-identification technical runbook deliverable to include information describing the application user roles as well as the process for submitting the required firewall exception requests.	2.7	
Toby Sedgwick	01/22/20	1.0 Meeting with T. Howe, N. Kumar, K. Cook, K. Muppa, B. Spell, K. Hornland G. Dupree, B. Zhang, Y. Kerzner (KPMG) to discuss the status of the Data De-Identification and Data Inventory workstreams. T. Sedgwick (KPMG) led discussions on both workstreams, Y. Kerzner, G. Dupree (KPMG) provided context on the issues and potential challenges faced by the De-Identification workstreams, including the need for a Disaster Recovery exercise and hashing out the specifics of associating the Vendor B tool with Active Directory authentication, and K. Hornland and B. Zhang (KPMG) provided updates on the progress of the Data Inventory workstream's effort to successfully submit all the Firewall Exception Requests necessary to proceed with the installation of the Collibra tool; 0.8 Meeting with C. Mattos, K. Muppa (PG&E), G. Dupree, Y. Kerzner (KPMG) to review the Data De-Identification Disaster Recovery draft with B. Spell (PG&E) who was unable to attend. Instead, discussed connections between different components of the Vendor B tool that were installed earlier in the week and identified valuable details on configurations that needed to be adjusted to make the tool work successfully, which would be incorporated into the Disaster Recovery draft; 1.0 Drafted list of items, including suggestions on upgrading the Vendor B tool, testing the Production installation, and connecting to Oracle databases considering there is limited opportunity to view the data in-situ for testing purposes;	2.8	
Yosef Kerzner	01/22/20	1.0 Removed database connection information from the runbook after reordering some sections, based on Vendor B tool implementation.	1.0	
Gary Rich	01/22/20	2.0 Documented steps for development installation	1.6	
Gary Rich	01/22/20	2.6 Began drafting 2020 De-identification plan to incorporate cloud and unstructured data repositories.	2.6	
Bob Zhang	01/22/20	0.6 Continue, as of 1/22, configuring PG&E repository listing in KPMG environment.;	0.6	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	01/22/20	0.8 Discussed the topic of service introductions with B. Raiford (KPMG), with specific applicability to how it might look like at PG&E, including developing documentation and performing a service overview with end users.;	0.8	
Garrett Dupree	01/22/20	0.8 Meeting with C. Mattos (PG&E), K. Muppa (PG&E), T. Sedgwick (KPMG), G. Dupree (KPMG), Y. Kerzner (KPMG) to review the Data De-Identification Disaster Recovery draft with B. Spell (PG&E) who was unable to attend. Discussed connections between different components of the Vendor B tool that were installed earlier in the week and identified valuable details on configurations that needed to be adjusted to make the tool work successfully, which would be incorporated into the Disaster Recovery draft. :	0.8	
Yosef Kerzner	01/22/20	0.8 Meeting with C. Mattos, K. Muppa (PG&E), T. Sedgwick, G. Dupree (KPMG) to review the Data De-Identification Disaster Recovery draft with B. Spell (PG&E) who was unable to attend. Discussed connections between different components of the Vendor B tool that were installed earlier in the week and identified valuable details on configurations that needed to be adjusted to make the tool work successfully, which would be incorporated into the Disaster Recovery draft.:	0.8	
Yosef Kerzner	01/22/20	1.0 Drafted list of items to ask T. Sedgwick (KPMG), including suggestions on upgrading the Vendor B tool, testing the Production installation, and connecting to Oracle databases considering there is limited opportunity to view the data in-situ for testing purposes.;	1.0	

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Name	Date	Description	Hours	Amount
Kristy Hornland	01/22/20	1.0 Meeting with T. Howe, N. Kumar, K. Cook, K. Muppa, B. Spell (PG&E), T. Sedgwick, G. Dupree, B. Zhang, Y. Kerzner (KPMG) to discuss the status of the Data De-Identification and Data Inventory workstreams. T. Sedgwick (KPMG) led discussions on both workstreams, Y. Kerzner, G. Dupree (KPMG) provided context on the issues and potential challenges faced by the De-Identification workstreams, including the need for a Disaster Recovery exercise and hashing out the specifics of associating the Vendor B tool with Active Directory authentication, and K. Hornland and B. Zhang (KPMG) provided updates on the progress of the Data Inventory workstream's effort to successfully submit all the Firewall Exception Requests necessary to proceed with the installation of the Collibra tool.; 0.6 Meeting with G. Dupree, Y. Kerzner (KPMG) to discuss the weekly progress of the Data De-Identification workstream, including a quick touchpoint on various deliverables in review, such as the deployment plan, runbook, and disaster recovery plan.; 0.6 Meeting with K. Muppa and F. Molina (PG&E) to discuss the DEV Collibra FER to fix FER #103269.;	2.2	
Garrett Dupree	01/22/20	1.0 Meeting with T. Howe, N. Kumar, K. Cook, K. Muppa, B. Spell (PG&E), T. Sedgwick, K. Hornland, B. Zhang, Y. Kerzner (KPMG) to discuss the status of the Data De-Identification and Data Inventory workstreams. T. Sedgwick (KPMG) led discussions on both workstreams, Y. Kerzner, G. Dupree (KPMG) provided context on the issues and potential challenges faced by the De-Identification workstreams, including the need for a Disaster Recovery exercise and hashing out the specifics of associating the Vendor B tool with Active Directory authentication, and K. Hornland and B. Zhang (KPMG) provided updates on the progress of the Data Inventory workstream's effort to successfully submit all the Firewall Exception Requests necessary to proceed with the installation of the Collibra tool. ;	1.0	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	01/22/20	1.0 Meeting with T. Howe, N. Kumar, K. Cook, K. Muppa, B. Spell (PG&E), T. Sedgwick, K. Hormland, G. Dupree and B. Zhang (KPMG) to discuss the status of the Data De-Identification and Data Inventory workstreams. T. Sedgwick (KPMG) led discussions on both workstreams, Y. Kerzner, G. Dupree (KPMG) provided context on the issues and potential challenges faced by the De-Identification workstreams, including the need for a Disaster Recovery exercise and hashing out the specifics of associating the Vendor B tool with Active Directory authentication, and K. Hormland and B. Zhang (KPMG) provided updates on the progress of the Data Inventory workstream's effort to successfully submit all the Firewall Exception Requests necessary to proceed with the installation of the Collibra tool.;	1.0	
Bob Zhang	01/22/20	1.0 Meeting with T. Howe, N. Kumar, K. Cook, K. Muppa, B. Spell (PG&E), T. Sedgwick, K. Hormland, G. Dupree, Y. Kerzner (KPMG) to discuss the status of the Data De-Identification and Data Inventory workstreams. T. Sedgwick (KPMG) led discussions on both workstreams, Y. Kerzner, G. Dupree (KPMG) provided context on the issues and potential challenges faced by the De-Identification workstreams, including the need for a Disaster Recovery exercise and hashing out the specifics of associating the Vendor B tool with Active Directory authentication, and K. Hormland and B. Zhang (KPMG) provided updates on the progress of the Data Inventory workstream's effort to successfully submit all the Firewall Exception Requests necessary to proceed with the installation of the Collibra tool.;	1.0	
Bob Zhang	01/22/20	1.0 Updated import view for test scan results to be imported into Collibra as of 1/22	1.0	
Michael Gomez	01/22/20	1.0 Principal review of access and placement remediation plans, concurrently providing feedback to T. Sedgwick (KPMG)	1.0	
Yosef Kerzner	01/22/20	.8 Corresponded with Vendor B support team regarding features available in the latest version of the Vendor B tool, 1.0 examined document they supplied with latest updates and outlined sections that may be useful for the De-Identification workstream, following up with the Vendor B team regarding these features.;	1.8	
Garrett Dupree	01/22/20	2.4 Researched the processes / procedures for reconfiguring the controller identification numbers on the Vendor B scanning and masking servers. This is a required element of the disaster recovery procedure. ;	2.4	

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Name	Date	Description	Hours	Amount
Garrett Dupree	01/22/20	2.8 Updated the de-identification technical runbook deliverable to include the steps for setting up local domain access protocol as the default authentication method for logging into the Vendor B, rather than using the local database authentication method. ;	2.8	
Garrett Dupree	01/22/20	3.0 Researched the procedures for importing / implementing a secure sockets layer (SSL) certificate into the Vendor B application for encryption web traffic between the application and the end user.	3.0	
Bob Zhang	01/22/20	3.4 Configured PG&E repository listing in KPMG environment.;	3.4	
Garrett Dupree	01/23/20	0.6 Meeting with K. Hornland, Y. Kerzner (KPMG) to discuss the weekly progress of the Data De-Identification workstream, including a quick touchpoint on various deliverables in review, such as the deployment plan, runbook, and disaster recovery plan. ; 0.4 Meeting with T. Sedgwick, K. Hornland and B. Zhang (KPMG) to discuss the information requirements needed for the upcoming (on 1/23) meeting with M. Javier and C. Jennings (PG&E) in order to fulfill the deliverable requirements for remediating an identified repository. T. Sedgwick and K. Hornland (KPMG) compiled the test results into a more digestible format for presenting. B. Zhang, G. Dupree (KPMG) worked to discuss and generate a list of talking points that lead to the fulfillment of the Data Inventory repository remediation deliverable. ; 0.6 Meeting with M. Javier, C. Jennings, T. Howe (PG&E), T. Sedgwick, J. Conkel, K. Hornland and B. Zhang (KPMG) to discuss the Data Loss Prevention scan results of the identified Human Resources network file share in order to fulfill the data remediation repository deliverable requirements apart of the Data Inventory work stream. T. Sedgwick and K. Hornland (KPMG)lead the discussions around what classifications of information were found within the identified network file share. B. Zhang, G. Dupree (KPMG) lead discussions around the potential options for remediation relative to the identified network file share. J. Conkel (KPMG) lead discussions detailing the process flow for carrying out the identified remediation activities. ; 2.6 Created an alternate report	4.2	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	01/23/20	0.6 Meeting with K. Hornland, G. Dupree (KPMG) to discuss the weekly progress of the Data De-Identification workstream, including a quick touchpoint on various deliverables in review, such as the deployment plan, runbook, and disaster recovery plan.; 0.8 Meeting with S. Inder, H. Vemuru, J. Peters, D. Boda, G. Rich, T. Sedgwick, G. Dupree (KPMG) to discuss how to safely migrate authentication methods within the Vendor B tool, as well as how to properly connect all IDP agents with the appropriate software controllers. Y. Kerzner and G. Rich (KPMG) lead questions and provided visual document representation via Skype, while T. Sedgwick, G. Dupree (KPMG) asked clarifying topics and narrowed in on specific points made by the Vendor B team. Resolved to schedule a support session with the Vendor B team for instruction.; 0.2 Meeting with T. Sedgwick (KPMG) to review outcome of recent meeting with Vendor B regarding associating Vendor B IDP agents with their respective controllers and discuss scheduling meetings for the next week.; 0.3 Meeting with G. Dupree (KPMG) to review outcome recent meeting with Vendor B regarding associating Vendor B IDP agents with their respective controllers. Y. Kerzner (KPMG) resolved to create a clarifying architecture diagram for internal use only.; 0.6 Meeting with M. Cameron, V. Wong, B. Spell, K. Muppa, C. Mattos (PG&E), G. Rich (KPMG) to review latest changes to the Disaster Recovery plan with the Disaster Recovery lead. M. Cameron (PG&E) discussed general process of the disaster recovery exercise, and indicated that another	2.5	

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Name	Date	Description	Hours	Amount
Kristy Hornland	01/23/20	0.4 Meeting with T. Sedgwick, B. Zhang, G. Dupree (KPMG) to discuss the information requirements needed for the upcoming (on 1/23) meeting with M. Javier and C. Jennings (PG&E) in order to fulfill the deliverable requirements for remediating an identified repository. T. Sedgwick and K. Hornland (KPMG) compiled the test results into a more digestible format for presenting. B. Zhang, G. Dupree (KPMG) worked to discuss and generate a list of talking points that lead to the fulfillment of the Data Inventory repository remediation deliverable.; 0.6 Meeting with M. Javier, C. Jennings, T. Howe, T. Sedgwick, J. Conkel, B. Zhang and G. Dupree (KPMG) to discuss the Data Loss Prevention scan results of the identified Human Resources network file share in order to fulfill the data remediation repository deliverable requirements apart of the Data Inventory work stream. T. Sedgwick and K. Hornland (KPMG) lead the discussions around what classifications of information were found within the identified network file share. B. Zhang, G. Dupree (KPMG) lead discussions around the potential options for remediation relative to the identified network file share. J. Conkel (KPMG) lead discussions detailing the process flow for carrying out the identified remediation activities.; 0.5 Meeting with Y. Kerzner (KPMG) to update weekly status report in regards to this week's accomplishments, next steps, key decisions, issues, risks, and open action items for De-Identification workstream.;	1.5	

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Name	Date	Description	Hours	Amount
Bob Zhang	01/23/20	0.4 Meeting with T. Sedgwick, K. Hornland, G. Dupree (KPMG) to discuss the information requirements needed for the upcoming (on 1/23) meeting with M. Javier and C. Jennings (PG&E) in order to fulfill the deliverable requirements for remediating an identified repository. T. Sedgwick and K. Hornland (KPMG) compiled the test results into a more digestible format for presenting. B. Zhang, G. Dupree (KPMG) worked to discuss and generate a list of talking points that lead to the fulfillment of the Data Inventory repository remediation deliverable.; 0.6 Meeting with M. Javier, C. Jennings, T. Howe (PG&E), T. Sedgwick, J. Conkel, K. Hornland and G .Dupree (KPMG) to discuss the Data Loss Prevention scan results of the identified Human Resources network file share in order to fulfill the data remediation repository deliverable requirements apart of the Data Inventory work stream. T. Sedgwick and K. Hornland (KPMG) lead the discussions around what classifications of information were found within the identified network file share. B. Zhang, G. Dupree (KPMG) lead discussions around the potential options for remediation relative to the identified network file share. J. Conkel (KPMG) lead discussions detailing the process flow for carrying out the identified remediation activities. 3.0 Configured PG&E repository listing in KPMG environment.	4.0	
Josh Conkel	01/23/20	0.6 Meeting with M. Javier, C. Jennings, T. Howe (PG&E), T. Sedgwick, K. Hornland, B. Zhang and G .Dupree (KPMG) to discuss the Data Loss Prevention scan results of the identified Human Resources network file share in order to fulfill the data remediation repository deliverable requirements apart of the Data Inventory work stream. T. Sedgwick and K. Hornland (KPMG) lead the discussions around what classifications of information were found within the identified network file share. B. Zhang, G. Dupree (KPMG) lead discussions around the potential options for remediation relative to the identified network file share. J. Conkel (KPMG) lead discussions detailing the process flow for carrying out the identified remediation activities.	0.6	

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Name	Date	Description	Hours	Amount
Gary Rich	01/23/20	0.8 Meeting with S. Inder, H. Vemuru, J. Peters, D. Boda (Vendor B), T. Sedgwick, G. Dupree, Y. Kerzner (KPMG) to discuss how to safely migrate authentication methods within the Vendor B tool, as well as how to properly connect all IDP agents with the appropriate software controllers. Y. Kerzner and G. Rich (KPMG) lead questions and provided visual document representation via Skype, while T. Sedgwick, G. Dupree (KPMG) asked clarifying topics and narrowed in on specific points made by the Vendor B team. Resolved to schedule a support session with the Vendor B team for instruction. 0.6 Meeting with M. Cameron, V. Wong, B. Spell, K. Muppa, C. Mattos (PG&E), Y. Kerzner (KPMG) to review latest changes to the Disaster Recovery plan with the Disaster Recovery lead. M. Cameron (PG&E) discussed general process of the disaster recovery exercise, and indicated that another touchpoint would need to be scheduled between now and the second week of February.	1.4	
Michael Gomez	01/23/20	1.5) Reviewed HR leadership communications documenting potential gaps in data placement	1.5	
Garrett Dupree	01/24/20	0.5 Meeting with T. Sedgwick, G. Rich, Y. Kerzner (KPMG) to review various items in motion for the Data De-Identification workstream. Y. Kerzner (KPMG) introduced discussion topics and took notes, T. Sedgwick and G. Rich (KPMG) explained the steps necessary to complete the disaster recovery exercise within the next three weeks, G. Dupree (KPMG) provided commentary on the access element of DgSecure that will need to be outlined for clarity and future presentation to the team. ;	0.5	

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Name	Date	Description	Hours	Amount
Toby Sedgwick	01/24/20	0.5 Meeting with G. Rich, G. Dupree, Y. Kerzner (KPMG) to review various items in motion for the Data De-Identification workstream. Y. Kerzner (KPMG) introduced discussion topics and took notes, T. Sedgwick and G. Rich (KPMG) explained the steps necessary to complete the disaster recovery exercise within the next three weeks, G. Dupree (KPMG) provided commentary on the access element of DgSecure that will need to be outlined for clarity and future presentation to the team; 0.7 Meeting with J. Green, C. Mattos, K. Muppa, K. Cook (PG&E), G. Rich, J. Conkel, G. Dupree, Y. Kerzner (KPMG) to talk through PG&E's cloud environment and applicability of Vendor B to the environment. T. Sedgwick and G. Rich (KPMG) discussed account management, J. Conkel (KPMG) provided background on the previous applicability of the Data Loss Prevention workstream to PG&E's cloud environment, G. Dupree (KPMG) introduced and led discussions, and Y. Kerzner (KPMG) provided further background on the current Vendor B implementation and took notes;	1.2	
Gary Rich	01/24/20	0.5 Meeting with T. Sedgwick, G. Dupree, Y. Kerzner (KPMG) to review various items in motion for the Data De-Identification workstream. Y. Kerzner (KPMG) introduced discussion topics and took notes, T. Sedgwick (KPMG) and G. Rich(KPMG) explained the steps necessary to complete the disaster recovery exercise within the next three weeks, G. Dupree (KPMG) provided commentary on the access element of DgSecure that will need to be outlined for clarity and future presentation to the team. 0.8 Meeting with K. Muppa (PG&E), D. Jha, J. Peters, S. Inder (Vendor B), G. Dupree, Y. Kerzner (KPMG), chiefly to walkthrough the files and services that would need to be reconfigured within the Production environment of Vendor B during a failover situation. 0.7 Meeting with J. Green, C. Mattos, K. Muppa, K. Cook (PG&E), T. Sedgwick, J. Conkel, G. Dupree, Y. Kerzner (KPMG) to talk through PG&E's cloud environment and applicability of Vendor B to the environment. T. Sedgwick and G. Rich (KPMG) discussed account management, J. Conkel (KPMG) provided background on the previous applicability of the Data Loss Prevention workstream to PG&E's cloud environment, G. Dupree (KPMG) introduced and led discussions, Y. Kerzner (KPMG) provided further background on the current Vendor B implementation and took notes. 1.4 Began updating configuration management plan to incorporate configuration items for cloud and unstructured repositories.	3.4	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	01/24/20	0.5 Meeting with T. Sedgwick, G. Rich, G. Dupree (KPMG) to review various items in motion for the Data De-Identification workstream. Y. Kerzner (KPMG) introduced discussion topics and took notes, T. Sedgwick and G. Rich (KPMG) explained the steps necessary to complete the disaster recovery exercise within the next three weeks, G. Dupree (KPMG) provided commentary on the access element of DgSecure that will need to be outlined for clarity and future presentation to the team.;	0.5	
Josh Conkel	01/24/20	0.6 Meeting with M. Javier, C. Jennings, T. Howe (PG&E), T. Sedgwick, K. Hornland, B. Zhang and G. Dupree (KPMG) to discuss the Data Loss Prevention scan results of the identified Human Resources network files share in order to fulfill the data remediation repository deliverable requirements apart of the Data Inventory work stream. T. Sedgwick and K. Hornland (KPMG) lead the discussions around what classifications of information were found within the identified network file share. B. Zhang, G. Dupree (KPMG) lead discussions around the potential options for remediation relative to the identified network file share. J. Conkel (KPMG) lead discussions detailing the process flow for carrying out the identified remediation activities.	0.6	
Yosef Kerzner	01/24/20	0.7 Meeting with J. Green, C. Mattos, K. Muppa, K. Cook (PG&E), T. Sedgwick, G. Rich, J. Conkel, G. Dupree (KPMG) to talk through PG&E's cloud environment and applicability of Vendor B to the environment. T. Sedgwick and G. Rich (KPMG) discussed account management, J. Conkel (KPMG) provided background on the previous applicability of the Data Loss Prevention workstream to PG&E's cloud environment, G. Dupree (KPMG) introduced and led discussions, Y. Kerzner (KPMG) provided further background on the current Vendor B implementation and took notes :	0.7	
Garrett Dupree	01/24/20	0.7 Meeting with J. Green, C. Mattos, K. Muppa, K. Cook (PG&E), T. Sedgwick, G. Rich, J. Conkel, Y. Kerzner (KPMG) to talk through PG&E's cloud environment and applicability of Vendor B to the environment. T. Sedgwick and G. Rich (KPMG) discussed account management, J. Conkel (KPMG) provided background on the previous applicability of the Data Loss Prevention workstream to PG&E's cloud environment, G. Dupree (KPMG) introduced and led discussions, Y. Kerzner (KPMG) provided further background on the current Vendor B implementation and took notes :	0.7	
Yosef Kerzner	01/24/20	0.8 Drafted list of planned tasks for the upcoming week, in advance of an upcoming client meeting	0.8	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	01/24/20	0.8 Meeting with K. Muppa (PG&E), D. Jha, J. Peters, S. Inder (Vendor B), G. Rich, G. Dupree (KPMG), chiefly to walkthrough the files and services that would need to be reconfigured within the Production environment of Vendor B during a failover situation.;	0.8	
Garrett Dupree	01/24/20	0.8 Meeting with K. Muppa (PG&E), D. Jha, J. Peters, S. Inder (Vendor B), G. Rich, Y. Kerzner (KPMG), chiefly to walkthrough the files and services that would need to be reconfigured within the Production environment of Vendor B during a failover situation. ;	0.8	
Yosef Kerzner	01/24/20	1.0 Updated Disaster Recovery plan with feedback from B. Spell (KPMG) as well as specific steps that would be needed to carry over IDP activity, as indicated by Vendor B team members.	1.0	
Yosef Kerzner	01/24/20	1.6 Updated Data De-Identification architecture diagram to remove unnecessary elements that were causing confusion during meetings, and sent them to the client team.;	1.6	
Garrett Dupree	01/24/20	2.1 Researched the process for enabled secure sockets layer access of the Collibra web interface. This task is required for securing the traffic between the end user and the application web interface. ;	2.1	
Kristy Hornland	01/24/20	2.3 Updating weekly status report with Data Inventory workstream details as of 1/24.; 1.2 Updates to weekly status based on feedback received from T. Sedgwick as of 1/24.;	3.5	
Yosef Kerzner	01/24/20	2.6 Updated Runbook draft with detailed information regarding database connections, screenshots, locations of executable scripts, and also removed unnecessary elements and reviewed order of the Runbook.;	2.6	
Garrett Dupree	01/24/20	2.8 Updated the de-identification disaster recovery plan deliverable to include the structured query language server recovery processes described by V. Wong (PG&E). This involves denoting the processes for transitioning from the primary to the secondary controller as well as from the secondary to the primary controller.	2.8	
Garrett Dupree	01/24/20	2.9 Performed testing to debug the directory permission issues for the Collibra servers in the development environment, where the user account is unable to restart the Collibra services. This troubleshooting consisted of gathering the directory permissions and identifying the active directory groups that are currently able to access these files through the command line interface. ;	2.9	
Yosef Kerzner	01/27/20	0.4 Meeting with G. Dupree (KPMG) regarding aligning on Deployment plan and DR exercise.;	0.4	

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Name	Date	Description	Hours	Amount
Garrett Dupree	01/27/20	0.5 Meeting with F. Molina (PG&E), C. Mattos (PG&E), K. Muppa (PG&E), G. Vadathu (PG&E), T. Sedgwick (KPMG), B. Zhang (KPMG), G. Dupree (KPMG) to discuss the current status of the numerous firewall exception requests submitted for the Collibra application. Meeting resulted in identifying the resources handling the remaining requests and creating action items to follow-up on each request in order to further the installation progress for the Collibra development environment. ;	0.5	
Bob Zhang	01/27/20	0.5 Meeting with F. Molina, C. Mattos, K. Muppa, G. Vadathu (PG&E), T. Sedgwick, G. Dupree (KPMG) to discuss the current status of the numerous firewall exception requests submitted for the Collibra application. Meeting resulted in identifying the resources handling the remaining requests and creating action items to follow-up on each request in order to further the installation progress for the Collibra development environment.;	0.5	
Bob Zhang	01/27/20	0.8 Updated Remediation Letter Draft, as of 1/27, with further reminder communications for PDrive owners.	0.8	

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Name	Date	Description	Hours	Amount
Toby Sedgwick	01/27/20	1.0 Meeting with J. Conkel, G. Rich, G. Dupree, B. Zhang, Y. Kerzner (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory and De-Identification work streams. G. Rich, Y. Kerzner, G. Dupree (KPMG) provided updates for the de-identification work stream, which largely centered around completing the Prod installation of the Vendor B tool and requirements for submitting the secure sockets layer certificate signing request. B. Zhang and T. Sedgwick (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory work stream, which largely centered around remediating the server permissions issues for the Collibra development and quality assurance environments. J. Conkel (KPMG) provided insight into the Oracle test database connectivity options for the functional testing of the Vendor B application apart of the de-identification work stream; 1.2 Meeting with T. Howe, G. Vadathu, S. Yem, C. Mattos, F. Molina, K. Muppa, K. Cook (PG&E), J. Conkel, G. Rich, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the pending items for the Data Inventory and De-identification work streams. T. Sedgwick and B. Zhang (KPMG) lead discussions around the pending directory access issues for the Collibra servers. G. Rich, Y. Kerzner (KPMG) lead discussions around the planned weekly activities for demonstrating the detection and masking capabilities of the Vendor B tool for the identified structured query language test databases. J. Conkel, G. Dupree (KPMG) lead discussions around the processes behind generating a	4.6	

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Name	Date	Description	Hours	Amount
Josh Conkel	01/27/20	1.0 Meeting with T. Sedgwick, G. Rich, G. Dupree, B. Zhang, Y. Kerzner (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory and De-Identification work streams. G. Rich, Y. Kerzner, G. Dupree (KPMG) provided updates for the de-identification work stream, which largely centered around completing the Prod installation of the Vendor B tool and requirements for submitting the secure sockets layer certificate signing request. B. Zhang and T. Sedgwick (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory work stream, which largely centered around remediating the server permissions issues for the Collibra development and quality assurance environments. J. Conkel (KPMG) provided insight into the Oracle test database connectivity options for the functional testing of the Vendor B application apart of the de-identification work stream. 1.2 Meeting with T. Howe, G. Vadathu, S. Yem, C. Mattos, F. Molina, K. Muppa, K. Cook (PG&E), T. Sedgwick, G. Rich, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the pending items for the Data Inventory and De-identification work streams. T. Sedgwick and B. Zhang (KPMG) lead discussions around the pending directory access issues for the Collibra servers. G. Rich, Y. Kerzner (KPMG) lead discussions around the planned weekly activities for demonstrating the detection and masking capabilities of the Vendor B tool for the identified structured query language test databases. J. Conkel, G. Dupree (KPMG) lead discussions around the processes behind generating a	4.1	

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Name	Date	Description	Hours	Amount
Gary Rich	01/27/20	1.0 Meeting with T. Sedgwick, J. Conkel, G. Dupree, B. Zhang, Y. Kerzner (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory and De-Identification work streams. G. Rich, Y. Kerzner, G. Dupree (KPMG) provided updates for the de-identification work stream, which largely centered around completing the Prod installation of the Vendor B tool and requirements for submitting the secure sockets layer certificate signing request. B. Zhang (KPMG) and T. Sedgwick (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory work stream, which largely centered around remediating the server permissions issues for the Collibra development and quality assurance environments. J. Conkel (KPMG) provided insight into the Oracle test database connectivity options for the functional testing of the Vendor B application apart of the de-identification work stream. 1.2 Meeting with T. Howe, G. Vadathu, S. Yem, C. Mattos, F. Molina, K. Muppa, K. Cook (PG&E), T. Sedgwick, J. Conkel, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the pending items for the Data Inventory and De-identification work streams. T. Sedgwick and B. Zhang (KPMG) lead discussions around the pending directory access issues for the Collibra servers. G. Rich, Y. Kerzner (KPMG) lead discussions around the planned weekly activities for demonstrating the detection and masking capabilities of the Vendor B tool for the identified structured query language test databases. J. Conkel, G. Dupree (KPMG) lead discussions around the	2.2	
Garrett Dupree	01/27/20	1.0 Meeting with T. Sedgwick, J. Conkel, G. Rich, B. Zhang, Y. Kerzner (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory and De-Identification work streams. G. Rich, Y. Kerzner, G. Dupree (KPMG) provided updates for the de-identification work stream, which largely centered around completing the Prod installation of the Vendor B tool and requirements for submitting the secure sockets layer certificate signing request. B. Zhang and T. Sedgwick (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory work stream, which largely centered around remediating the server permissions issues for the Collibra development and quality assurance environments. J. Conkel (KPMG) provided insight into the Oracle test database connectivity options for the functional testing of the Vendor B application apart of the de-identification work stream. ;	1.0	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	01/27/20	1.0 Meeting with T. Sedgwick, J. Conkel, G. Rich, G. Dupree and B. Zhang (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory and De-Identification work streams. G. Rich, Y. Kerzner, G. Dupree (KPMG) provided updates for the de-identification work stream, which largely centered around completing the Prod installation of the Vendor B tool and requirements for submitting the secure sockets layer certificate signing request. B. Zhang and T. Sedgwick (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory work stream, which largely centered around remediating the server permissions issues for the Colibra development and quality assurance environments. J. Conkel (KPMG) provided insight into the Oracle test database connectivity options for the functional testing of the Vendor B application apart of the de-identification work stream.;	1.0	
Bob Zhang	01/27/20	1.0 Meeting with T. Sedgwick, J. Conkel, G. Rich, G. Dupree, Y. Kerzner (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory and De-Identification work streams. G. Rich, Y. Kerzner, G. Dupree (KPMG) provided updates for the de-identification work stream, which largely centered around completing the Prod installation of the Vendor B tool and requirements for submitting the secure sockets layer certificate signing request. B. Zhang and T. Sedgwick (KPMG) identified the key tasks in motion and pending deliverable items for the Data Inventory work stream, which largely centered around remediating the server permissions issues for the Colibra development and quality assurance environments. J. Conkel (KPMG) provided insight into the Oracle test database connectivity options for the functional testing of the Vendor B application apart of the de-identification work stream.;	1.0	
Bob Zhang	01/27/20	1.0 Request / follow up with TSC regarding WebEx access.	1.0	
Bob Zhang	01/27/20	1.0 Updated Remediation Report with specific language for each drive.; Troubleshoot Firewall Exception Requests and ports for Colibra installation efforts.	1.0	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	01/27/20	1.2 Meeting with T. Howe, G. Vadathu, S. Yem, C. Mattos, F. Molina, K. Muppa, K. Cook (PG&E), T. Sedgwick, J. Conkel, G. Rich, B. Zhang, G. Dupree (KPMG) to discuss the pending items for the Data Inventory and De-identification work streams. T. Sedgwick and B. Zhang (KPMG) lead discussions around the pending directory access issues for the Colibra servers. G. Rich, Y. Kerzner (KPMG) lead discussions around the planned weekly activities for demonstrating the detection and masking capabilities of the Vendor B tool for the identified structured query language test databases. J. Conkel, G. Dupree (KPMG) lead discussions around the processes behind generating a secure sockets layer certificate to authenticate the Vendor B de-identification servers.;	1.2	
Garrett Dupree	01/27/20	1.2 Meeting with T. Howe, G. Vadathu, S. Yem, C. Mattos, F. Molina, K. Muppa, K. Cook (PG&E), T. Sedgwick, J. Conkel, G. Rich, Y. Kerzner and B. Zhang (KPMG) to discuss the pending items for the Data Inventory and De-identification work streams. T. Sedgwick and B. Zhang (KPMG) lead discussions around the pending directory access issues for the Colibra servers. G. Rich, Y. Kerzner (KPMG) lead discussions around the planned weekly activities for demonstrating the detection and masking capabilities of the Vendor B tool for the identified structured query language test databases. J. Conkel, G. Dupree (KPMG) lead discussions around the processes behind generating a secure sockets layer certificate to authenticate the Vendor B de-identification servers. ;	1.2	
Bob Zhang	01/27/20	1.2 Meeting with T. Howe, G. Vadathu, S. Yem, C. Mattos, F. Molina, K. Muppa, K. Cook (PG&E), T. Sedgwick, J. Conkel, G. Rich, Y. Kerzner, G. Dupree (KPMG) to discuss the pending items for the Data Inventory and De-identification work streams. T. Sedgwick and B. Zhang (KPMG) lead discussions around the pending directory access issues for the Colibra servers. G. Rich, Y. Kerzner (KPMG) lead discussions around the planned weekly activities for demonstrating the detection and masking capabilities of the Vendor B tool for the identified structured query language test databases. J. Conkel, G. Dupree (KPMG) lead discussions around the processes behind generating a secure sockets layer certificate to authenticate the Vendor B de-identification servers.;	1.2	
Yosef Kerzner	01/27/20	1.5 Drafting all the current action items, as of 1/27, within the Data De-Identification workflow for an upcoming client meeting.;	1.5	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	01/27/20	1.9 Meeting with T. Sedgwick, J. Conkel, G. Dupree (KPMG) to review the status of various action items for the Data De-Identification workstream using a tracker created by G. Dupree (KPMG). T. Sedgwick (KPMG) provided oversight and clarified different status items, J. Conkel (KPMG) provided feedback on Oracle specific questions, G. Dupree (KPMG) made all suggested changes to the tracker and assigned them to individuals, Y. Kerzner (KPMG) provided SME knowledge on the Vendor B tool and also clarified dependencies.	1.9	
Garrett Dupree	01/27/20	1.9 Meeting with T.Sedgwick, J. Conkel, Y. Kerzner (KPMG) to review the status of various action items for the Data De-Identification workstream using a tracker created by G. Dupree (KPMG). T. Sedgwick (KPMG) provided oversight and clarified different status items, J. Conkel (KPMG) provided feedback on Oracle specific questions, G. Dupree (KPMG) made all suggested changes to the tracker and assigned them to individuals, Y. Kerzner (KPMG) provided SME knowledge on the Vendor B tool and also clarified dependencies. :	1.9	
Bob Zhang	01/27/20	2.0 Continued, as of 1/27, to document DEV installation steps for Collibra application.;	2.0	
Garrett Dupree	01/27/20	2.4 Researched the required port configurations in order to ensure the Collibra data governance service is able to run correctly in order to be reachable via a web portal. This task resulted in a list of additional ports that need to be opened through an additional firewall exception request.	2.4	
Garrett Dupree	01/27/20	2.4 Performed testing to debug the connectivity issues with the Collibra console by checking the application configuration and properties files. Troubleshooting resulted in identifying several ports that need to be listening in order for the application to work correctly. ;	2.4	
Yosef Kerzner	01/28/20	0.1 Meeting with T. Sedgwick (KPMG) in advance of an upcoming review meeting to discuss elements that need to be added to the disaster recovery plan for the De-Identification workstream.;	0.1	

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Name	Date	Description	Hours	Amount
Toby Sedgwick	01/28/20	0.1 Meeting with Y. Kerzner (KPMG) in advance of an upcoming review meeting to discuss elements that need to be added to the disaster recovery plan for the De-Identification workstream; 1.0 Meeting with B. Spell, C. Mattos, G. Vadathu, T. Howe, K. Muppa (PG&E), G. Rich, G. Dupree, Y. Kerzner (KPMG) to review the most recent Data De-Identification disaster recovery draft with G. Vadathu (PG&E). T. Sedgwick and G. Rich (KPMG) helped guide the meeting with specific questions regarding the Disaster Recovery exercise, Y. Kerzner (KPMG) made live changes to the document per G. Vadathu's (PG&E) suggestions, G. Dupree (KPMG) helped support with clarifications to some of G. Vadathu's (PG&E) questions;	1.1	
Michael Gomez	01/28/20	1.0) Met with J. Heffelfinger of PG&E to discuss the transition of the engagement to the CSOC Team, .4) Reviewed updated Vendor B disaster recovery plan; 1.) Meeting with T. Sedgwick (KPMG) to review updates to PG&E project deliverables per requests from G. Vadathu (PG&E) and T. Howe (PG&E)	2.4	
Bob Zhang	01/28/20	1.0 Finalize remediation email to owner of REG share drive (.5) and further communication to PDrive owner (.5)	1.0	
Gary Rich	01/28/20	1.0 Meeting with B. Spell, C. Mattos, G. Vadathu, T. Howe, K. Muppa (PG&E), T. Sedgwick, G. Dupree, Y. Kerzner (KPMG) to review the most recent Data De-Identification disaster recovery draft with G. Vadathu (PG&E). T. Sedgwick and G. Rich (KPMG) helped guide the meeting with specific questions regarding the Disaster Recovery exercise, Y. Kerzner (KPMG) made live changes to the document per G. Vadathu's (PG&E) suggestions, G. Dupree (KPMG) helped support with clarifications to some of G. Vadathu's (PG&E) questions.	1.0	
Garrett Dupree	01/28/20	1.0 Meeting with B. Spell, C. Mattos, G. Vadathu, T. Howe, K. Muppa (PG&E), T. Sedgwick, G. Rich, Y. Kerzner (KPMG) to review the most recent Data De-Identification disaster recovery draft with G. Vadathu (PG&E). T. Sedgwick and G. Rich (KPMG) helped guide the meeting with specific questions regarding the Disaster Recovery exercise, Y. Kerzner (KPMG) made live changes to the document per G. Vadathu's (PG&E) suggestions, G. Dupree (KPMG) helped support with clarifications to some of G. Vadathu's (PG&E) questions. ;	1.0	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	01/28/20	1.0 Meeting with B. Spell, C. Mattos, G. Vadathu, T. Howe, K. Muppa, T. Sedgwick, G. Rich, G. Dupree (KPMG) to review the most recent Data De-Identification disaster recovery draft with G. Vadathu (PG&E). T. Sedgwick and G. Rich (KPMG) helped guide the meeting with specific questions regarding the Disaster Recovery exercise, Y. Kerzner (KPMG) made live changes to the document per G. Vaduthu's (PG&E) suggestions, G. Dupree (KPMG) helped support with clarifications to some of G. Vaduthu's (PG&E) questions.	1.0	
Bob Zhang	01/28/20	1.0 Review / update Collibra system architecture for review by F. Molina (PG&E).	1.0	
Garrett Dupree	01/28/20	2.3 Researched the locations of the de-identification discover and masking agent properties files to include within the Vendor B application disaster recovery plan. ;	2.3	
Garrett Dupree	01/28/20	2.8 Updated the de-identification disaster recovery plan with the steps and procedures for finding the controller identification property files on the intelligent data processor machines. The process for finding these files and changing these identification strings is very lengthy. ;	2.8	
Garrett Dupree	01/28/20	2.9 Researched the lightweight domain access protocol integration with the Vendor B application in order to change the tool authentication from its initial configuration to leverage the active directory system instead.	2.9	
Bob Zhang	01/28/20	2.8 Continued, from earlier on 1/28, drafting System Security Plan;	2.8	
Bob Zhang	01/28/20	3.2 Began drafting the System Security Plan.	3.2	
Bob Zhang	01/29/20	1.0 Created diagram of Collibra system architecture with internal ports communication.	1.0	
Yosef Kerzner	01/29/20	0.2 Meeting with S. Inder (Vendor B), J. Conkel, G. Dupree, T. Sedgwick and G. Rich (KPMG) to review options for configuring the Vendor B tool with Active Directory Authentication. J. Conkel and G. Rich (KPMG) asked detailed questions on secure LDAP connections, T. Sedgwick, G. Dupree (KPMG) clarified questions on key roles for users within Vendor B, while Y. Kerzner (KPMG) lead discussions on the Vendor B integration.	0.2	
Michael Gomez	01/29/20	.6) Principal review of issues along with status tracker for de-identification plan as of 1/29.	0.6	

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Name	Date	Description	Hours	Amount
Gary Rich	01/29/20	0.2 Meeting with S. Inder (Vendor B), J. Conkel, G. Dupree, T. Sedgwick, Y. Kerzner (KPMG) to review options for configuring the Vendor B tool with Active Directory Authentication. J. Conkel and G. Rich (KPMG) asked detailed questions on secure LDAP connections, T. Sedgwick, G. Dupree (KPMG) clarified questions on key roles for users within Vendor B, Y. Kerzner (KPMG) lead discussions on the Vendor B integration. 1.1 Meeting with T. Howe, G. Vadathu, S. Yem, C. Mattos, B. Spell, N. Ranganathan, F. Molina, K. Muppa, K. Cook (PG&E), T. Sedgwick, J. Conkel, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the state of the de-identification non production and production installations as well as the state of the Collibra console and data governance service configurations apart of the data inventory work streams.	1.3	
Garrett Dupree	01/29/20	0.2 Meeting with S. Inder (Vendor B), J. Conkel, T. Sedgwick, G. Rich, Y. Kerzner (KPMG) to review options for configuring the Vendor B tool with Active Directory Authentication. J. Conkel and G. Rich (KPMG) asked detailed questions on secure LDAP connections, T. Sedgwick, G. Dupree (KPMG) clarified questions on key roles for users within Vendor B, Y. Kerzner (KPMG) lead discussions on the Vendor B integration.	0.2	
Garrett Dupree	01/29/20	0.5 Meeting with B. Spell, E. Santos, D. Fernandez, G. Vadathu (PG&E), T. Sedgwick and B. Zhang (KPMG) to discuss the Collibra application database backend password requirements and preferred storage method in preparation for the Collibra installation in production (date of installation not yet determined). ;	0.5	
Bob Zhang	01/29/20	0.5 Meeting with B. Spell, E. Santos, D. Fernandez, G. Vadathu (PG&E), T. Sedgwick, B. Zhang, G. Dupree (KPMG) to discuss the Collibra application database backend password requirements and preferred storage method in preparation for the Collibra installation in production (date of installation not yet determined).;	0.5	
Bob Zhang	01/29/20	0.5 Requested access to L1 group for Collibra for development / testing	0.5	

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Name	Date	Description	Hours	Amount
Toby Sedgwick	01/29/20	0.6 Meeting with M. Gomez (KPMG) to review updates to PG&E project deliverables per requests from G. Vadathu and T. Howe (PG&E); 1.1 Meeting with T. Howe, G. Vadathu, S. Yem, C. Mattos, B. Spell, N. Ranganathan, F. Molina, K. Muppa, K. Cook (PG&E), J. Conkel, G. Rich, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the state of the de-identification non production and production installations as well as the state of the Collibra console and data governance service configurations apart of the data inventory work streams. T. Sedgwick (KPMG) discussed the remaining configurations required to finish the installation of the Collibra data governance service. J. Conkel (KPMG) discussed the Oracle database masking account creation process, which is a required element to complete the pilot application database masking activities of the de-identification work stream. G. Rich, Y. Kerzner (KPMG) discussed the pending content alterations of the de-identification technical runbook and disaster recovery deliverables. B. Zhang and G. Dupree (KPMG) lead discussions around the present state of the Collibra Linux server requests, which detail the need for members of the active directory level one group to access the specific application directories in order to finish the non-production installations of the tool; 0.2 Meeting with S. Inder (Vendor B), J. Conkel, G. Dupree, G. Rich and Y. Kerzner (KPMG) to review options for configuring the Vendor B tool with Active Directory Authentication. J. Conkel and G. Rich (KPMG) asked detailed questions on secure LDAP	3.3	
Bob Zhang	01/29/20	0.9 Meeting with F. Molina, S. Yem, C. Mattos, K. Muppa, G. Vadathu (PG&E), T. Sedgwick, G. Dupree (KPMG) to discuss the current status of the numerous firewall exception requests submitted for the Collibra application and troubleshoot the inability to connect to the Collibra web console. This troubleshooting was essential to determining the progress of the firewall exception requests.;	0.9	
Garrett Dupree	01/29/20	0.9 Meeting with F. Molina, S. Yem, C. Mattos, K. Muppa, G. Vadathu (PG&E), T. Sedgwick, B. Zhang, G. Dupree (KPMG) to discuss the current status of the numerous firewall exception requests submitted for the Collibra application and troubleshoot the inability to connect to the Collibra web console. This troubleshooting was essential to determining the progress of the firewall exception requests. ;	0.9	

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Name	Date	Description	Hours	Amount
Josh Conkel	01/29/20	1.1 Meeting with T. Howe, G. Vadathu, S. Yem, C. Mattos, B. Spell, N. Ranganathan, F. Molina, K. Muppa, K. Cook (PG&E), T. Sedgwick, G. Rich, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the state of the de-identification non production and production installations as well as the state of the Colibra console and data governance service configurations apart of the data inventory work streams. 0.2 Meeting with S. Inder (Vendor B), G. Dupree, T. Sedgwick, G. Rich, Y. Kerzner (KPMG) to review options for configuring the Vendor B tool with Active Directory Authentication. J. Conkel and G. Rich (KPMG) asked detailed questions on secure LDAP connections. T. Sedgwick, G. Dupree (KPMG) clarified questions on key roles for users within Vendor B, Y. Kerzner (KPMG) lead discussions on the Vendor B integration.	1.3	
Yosef Kerzner	01/29/20	1.1 Meeting with T. Howe, G. Vadathu, S. Yem, C. Mattos, B. Spell, N. Ranganathan, F. Molina, K. Muppa, K. Cook (PG&E), T. Sedgwick, J. Conkel, G. Rich, B. Zhang, G. Dupree (KPMG) to discuss the state of the de-identification non production and production installations as well as the state of the Colibra console and data governance service configurations apart of the data inventory work streams.:	1.1	
Garrett Dupree	01/29/20	1.1 Meeting with T. Howe, G. Vadathu, S. Yem, C. Mattos, B. Spell, N. Ranganathan, F. Molina, K. Muppa, K. Cook (PG&E), T. Sedgwick, J. Conkel, G. Rich, Y. Kerzner and B. Zhang, G. Dupree (KPMG) to discuss the state of the de-identification non production and production installations as well as the state of the Colibra console and data governance service configurations apart of the data inventory work streams. ;	1.1	

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Name	Date	Description	Hours	Amount
Bob Zhang	01/29/20	1.1 Meeting with T. Howe, G. Vadathu, S. Yem, C. Mattos, B. Spell, N. Ranganathan, F. Molina, K. Muppa, K. Cook (PG&E), T. Sedgwick, J. Conkel, G. Rich, Y. Kerzner, G. Dupree (KPMG) to discuss the state of the de-identification non production and production installations as well as the state of the Collibra console and data governance service configurations apart of the data inventory work streams. T. Sedgwick (KPMG) discussed the remaining configurations required to finish the installation of the Collibra data governance service. J. Conkel (KPMG) discussed the Oracle database masking account creation process, which is a required element to complete the pilot application database masking activities of the de-identification work stream. G. Rich, Y. Kerzner (KPMG) discussed the pending content alterations of the de-identification technical runbook and disaster recovery deliverables. B. Zhang, G. Dupree (KPMG) lead discussions around the present state of the Collibra Linux server requests, which detail the need for members of the active directory level one group to access the specific application directories in order to finish the nonproduction installations of the tool.;	1.1	
Garrett Dupree	01/29/20	1.2 Meeting with A. Huang, C. Mattos, K. Muppa, M. Kaushal, DJ Boda (PG&E), Y. Kerzner (KPMG) to walk A. Huang (PG&E), the Oracle DBA assigned to work with the Data De-Identification project, through assigning the appropriate privileges to the relevant user for masking the test Oracle database configured for use with the Vendor B DgSecure tool. ;	1.2	
Yosef Kerzner	01/29/20	1.2 Meeting with A.Huang, C. Mattos, K. Muppa, M. Kaushal, DJ Boda, G. Dupree (KPMG) to walk A. Huang (PG&E), the Oracle DBA assigned to work with the Data De-Identification project, through assigning the appropriate privileges to the relevant user for masking the test Oracle database configured for use with the Vendor B DgSecure tool.;	1.2	
Bob Zhang	01/29/20	2.0 Created task list for completion of data inventory Collibra installation;	2.0	
Bob Zhang	01/29/20	2.0 Revised System Security Plan after review from T. Sedgwick (KPMG).	2.0	
Garrett Dupree	01/29/20	2.4 Researched the technical configurations required to assign role based access to users of the Vendor B tool based on group assignment linked with the PG&E active directory system. ;	2.4	
Garrett Dupree	01/29/20	2.9 Researched the established PG&E processes for obtaining a certificate for using the secure lightweight domain access protocol with active directory, which will be used to set up this authentication method on the Vendor B and Collibra application servers. ;	2.9	

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Name	Date	Description	Hours	Amount
Gary Rich	01/30/20	0.6 Meeting with G. Vadathu, M. Cameron, C. Mattos, T. Howe, K. Muppa (PG&E), Y. Kerzner (KPMG) to review updated changes to Disaster Recovery draft with M. Cameron (PG&E) and discuss the possibility of having a tabletop exercise instead of an actual exercise. M. Cameron (PG&E) specified and explained the actual Disaster Recovery exercise, the reasoning, and likely steps. 1.7 Meeting with G. Vadathu, C. Mattos, T. Howe, K. Muppa, K. Cook, B. Spell (PG&E), Y. Kerzner (KPMG) to explain the purpose and functionality of the Vendor B DgSecure and DgAdmin interfaces and applicability to the Data De-Identification workstream by running detection and masking tasks on the SQL database configured for testing.	2.0	
Bob Zhang	01/30/20	0.5 Determined requirements to submit a front door ticket to the Cloud Center of Excellence team for support on the Vendor B project.;	0.5	
Bob Zhang	01/30/20	0.5 Drafted communications to PADM management to request exception for Collibra repository password to be stored in PowerBroker Password Safe;	0.5	
Yosef Kerzner	01/30/20	0.6 Meeting with G. Vadathu, M. Cameron, C. Mattos, T. Howe, K. Muppa (PG&E) and G. Rich (KPMG) to review updated changes to Disaster Recovery draft with M. Cameron (PG&E) and discuss the possibility of having a tabletop exercise instead of an actual exercise. M. Cameron (PG&E) specified and explained the actual Disaster Recovery exercise, the reasoning, and likely steps.;	0.6	
Bob Zhang	01/30/20	1.0 Meeting with K. Muppa (PG&E) to discuss approach to remediating access issues to Collibra DEV environment.;	1.0	
Bob Zhang	01/30/20	1.0 Prepared file listing to be shared with owner of REG Shared Drive;	1.0	
Bob Zhang	01/30/20	1.5 Compiled data inventory updates, as of 1/30, to include in weekly status report;	1.5	
Yosef Kerzner	01/30/20	1.7 Followed up with Oracle Database administrator regarding connecting to the target databases, and configured the tool for Oracle database masking.;	1.7	
Yosef Kerzner	01/30/20	1.7 Meeting with G. Vadathu, C. Mattos, T. Howe, K. Muppa, K. Cook and B. Spell (PG&E) to explain the purpose and functionality of the Vendor B DgSecure and DgAdmin interfaces and applicability to the Data De-Identification workstream by running detection and masking tasks on the SQL database configured for testing.	1.7	
Yosef Kerzner	01/30/20	2.0 Fine tuned SQL masking policies within Vendor B tool in advance of an upcoming meeting to demonstrate the capabilities of the tool to PG&E team members.;	2.0	

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Yosef Kerzner	01/30/20	2.0 Read documentation on the tool for specific types of masking and format preserving Data options.;	2.0	
Garrett Dupree	01/30/20	2.8 Researched the processes and procedures for importing a signed secure sockets layer certificate to the Collibra servers, which is a required step for ensuring that secure connections are established when users are attempting to connect to the tool through the internet. ; 1.0 Consolidated and distributed the weekly accomplishments and goals for next week for the de-identification work stream at the request of G. Vadathu (PG&E).	3.8	
Bob Zhang	01/30/20	3.5 Revised diagram of Collibra system architecture based on feedback from T. Sedgwick (KPMG) as of 1/30	3.5	
Yosef Kerzner	01/31/20	0.8 Meeting with J. Peters, S. Inder (Vendor B), T. Sedgwick, G. Rich, G. Dupree (KPMG) to discuss technical details of Vendor B settings, including the confidence threshold calculation, with the Vendor B. Y. Kerzner (KPMG) led the discussion and posed questions regarding a settings document, G. Dupree (KPMG) presented his screen and navigated within the DgSecure tool interface to assist with the questions, and T. Sedgwick and G. Rich (KPMG) asked for clarifying details on the high-level approach to detection and masking within the Vendor B tool, as well as the applicability of features in the 7.1.x version to the needs of the client.	0.8	
Bob Zhang	01/31/20	0.5 Performed configuration / rescan, as of 1/31, of remediated profile drive.;	0.5	
Bob Zhang	01/31/20	0.5 Meeting with G. Vadathu (PG&E) to discuss progress on data inventory workstream as of 1/31	0.5	
Bob Zhang	01/31/20	0.5 Drafted email to F. Molina (PG&E) regarding listing of ports needing to be opened to complete installations;	0.5	

EXHIBIT C2**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Data Security Services

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Toby Sedgwick	01/31/20	0.6 Meeting with G. Vadathu, C. Mattos, K. Muppa (PG&E), G. Rich, G. Dupree and Y. Kerzner (KPMG) to review options for integrating Vendor B and PG&E's Active Directory tool for proper authentication and authorization. T. Sedgwick and G. Rich (KPMG) introduced the discussion and helped answer queries on specific processes, while G. Dupree (KPMG) outlined the general approach, presented on a slide deck with specific Vendor B user roles, Y. Kerzner (KPMG) provided some clarity on the types of roles and permissions settings that could be applied to individual users; 0.8 Meeting with G. Vadathu, K. Cook, K. Muppa (PG&E), S. Inder (Vendor B), G. Dupree (KPMG), Y. Kerzner (KPMG) to provide a weekly touchpoint with the vendor, and discuss questions on load issues on target database servers; 0.8 Meeting with J. Peters, S. Inder (Vendor B), G. Rich, G. Dupree, Y. Kerzner (KPMG) to discuss technical details of Vendor B settings, including the confidence threshold calculation, with the Vendor B vendor. Y. Kerzner (KPMG) led the discussion and posed questions regarding a settings document, G. Dupree (KPMG) presented his screen and navigated within the DgSecure tool interface to assist with the questions, and T. Sedgwick (KPMG) and G. Rich (KPMG) asked for clarifying details on the high-level approach to detection and masking within the Vendor B tool, as well as the applicability of features in the 7.1.x version to the needs of the client;	3.2	

EXHIBIT C2

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Data Security Services

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Gary Rich	01/31/20	0.6 Meeting with G. Vadathu, C. Mattos, K. Muppa (PG&E), T. Sedgwick, G. Dupree and Y. Kerzner (KPMG) to review options for integrating Vendor B and PG&E's Active Directory tool for proper authentication and authorization. T. Sedgwick and G. Rich (KPMG) introduced the discussion and helped answer queries on specific processes, while G. Dupree (KPMG) outlined the general approach, presented on a slide deck with specific Vendor B user roles, Y. Kerzner (KPMG) provided some clarity on the types of roles and permissions settings that could be applied to individual users. 0.8 Meeting with J. Peters, S. Inder (Vendor B), T. Sedgwick, G. Dupree, Y. Kerzner (KPMG) to discuss technical details of Vendor B settings, including the confidence threshold calculation, with the Vendor B vendor. Y. Kerzner (KPMG) led the discussion and posed questions regarding a settings document, G. Dupree (KPMG) presented his screen and navigated within the DgSecure tool interface to assist with the questions, and T. Sedgwick (KPMG) and G. Rich (KPMG) asked for clarifying details on the high-level approach to detection and masking within the Vendor B tool, as well as the applicability of features in the 7.1.x version to the needs of the client.	1.4	
Yosef Kerzner	01/31/20	0.6 Meeting with G. Vadathu, C. Mattos, K. Muppa (PG&E), T. Sedgwick, G. Rich, G. Dupree (KPMG) to review options for integrating Vendor B and PG&E's Active Directory tool for proper authentication and authorization. T. Sedgwick and G. Rich (KPMG) introduced the discussion and helped answer queries on specific processes, while G. Dupree (KPMG) outlined the general approach, presented on a slide deck with specific Vendor B user roles, Y. Kerzner (KPMG) provided some clarity on the types of roles and permissions settings that could be applied to individual users :	0.6	
Garrett Dupree	01/31/20	0.6 Meeting with G. Vadathu, C. Mattos, K. Muppa (PG&E), T. Sedgwick, G. Rich and Y. Kerzner (KPMG) to review options for integrating Vendor B and PG&E's Active Directory tool for proper authentication and authorization. T. Sedgwick and G. Rich (KPMG) introduced the discussion and helped answer queries on specific processes, while G. Dupree (KPMG) outlined the general approach, presented on a slide deck with specific Vendor B user roles, Y. Kerzner (KPMG) provided some clarity on the types of roles and permissions settings that could be applied to individual users :	0.6	
Yosef Kerzner	01/31/20	0.8 Meeting with G. Vadathu, K. Cook, K. Muppa (PG&E), S. Inder (Vendor B), T. Sedgwick, G. Dupree (KPMG) to provide a weekly touchpoint with the vendor, and discuss questions on load issues on target database servers.;	0.8	

EXHIBIT C2

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Data Security Services

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Garrett Dupree	01/31/20	0.8 Meeting with G. Vadathu, K. Cook, K. Muppa (PG&E), S. Inder (Vendor B), T. Sedgwick, Y. Kerzner (KPMG) to provide a weekly touchpoint with the vendor, and discuss questions on load issues on target database servers. ;	0.8	
Garrett Dupree	01/31/20	0.8 Meeting with J. Peters (Vendor B), S. Inder, T. Sedgwick, G. Rich, Y. Kerzner (KPMG) to discuss technical details of Vendor B settings, including the confidence threshold calculation, with the Vendor B vendor. Y. Kerzner (KPMG) led the discussion and posed questions regarding a settings document, G. Dupree (KPMG) presented his screen and navigated within the DgSecure tool interface to assist with the questions, and T. Sedgwick and G. Rich (KPMG) asked for clarifying details on the high-level approach to detection and masking within the Vendor B tool, as well as the applicability of features in the 7.1.x version to the needs of the client. ;	0.8	
Bob Zhang	01/31/20	1.0 Analysis of rescan of remediated profile drive, comparing with previous scan;	1.0	
Bob Zhang	01/31/20	1.0 Mapped out missing ports required to complete Collibra DEV installation;	1.0	
Bob Zhang	01/31/20	1.0 Troubleshooting on Collibra DEV installation based on internal communications;	1.0	
Bob Zhang	01/31/20	1.5 Updated weekly status with de-identification and data inventory updates, as of 1/31, from T. Sedgwick, G. Dupree, Y. Kerzner (KPMG) for ultimate communication to client.	1.5	
Bob Zhang	01/31/20	2.0 Updated task list based on completed activities and new dependencies;	2.0	
Garrett Dupree	01/31/20	2.1 Created a ticket to link the already established level one de-identification active directory groups to the respective application servers in the nonproduction and production environments. This linking of groups to servers is required to change the permissions for the application configuration folders and ultimately finish the product installations.	2.1	

EXHIBIT C2**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Data Security Services

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Garrett Dupree	01/31/20	2.3 Created a ticket to link the already established level one Collibra active directory groups to the respective application servers in the development and quality assurance environments. This linking of groups to servers is required to change the permissions for the application configuration folders and ultimately finish the product installations. These tickets require a lot of technical details for each of the servers being referred to.	2.3	
Garrett Dupree	01/31/20	2.8 Created material at the request of G. Vadathu (PG&E) to detail the available Vendor B user roles as well as the recommendations for which roles should be utilized by the application owners. These roles will be integrated with my electronic access once they are finalized. ;	2.8	
Total Data Security Services			571.3	\$ - ⁽¹⁾

⁽¹⁾ KPMG and the Debtors agreed to fixed-fee compensation for the Data Security Services. Payment of the fixed fee is dependent on an iterative process by which stages of the project go through a formal review, including a detailed walkthrough, modifications (if required) and formal acceptance. As of January 31, 2020, KPMG is not requesting any of the agreed upon fixed-fee amount for these services.

EXHIBIT C3

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Legal Support Services

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
no hourly services provided					
Subtotal Legal Support Services (Hourly)			0.0		\$ -
Recurring Monthly Fees					
Fee # 1: Hosting					
Period	Number of Gigabytes				Discounted Amount
January 1-31, 2020			15,210.78		\$ 45,632.34
Subtotal Hosting Services					\$ 45,632.34
Fee # 2: User Fees					
Period	Number of Users				Amount
January 1-31, 2020	3 ⁽¹⁾				\$ 285.00
Subtotal User Services					\$ 285.00
Total Legal Support Services					\$ 45,917.34

⁽¹⁾ As per Appendix C of the Legal Support Services Agreement, KPMG did not charge the client for the initial 10 of 13 total users.

EXHIBIT C7

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Retention Services

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
<i>no services current month</i>					
Total Retention Services			<u>0.0</u>		<u>\$ -</u>

EXHIBIT C8**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Fee Application Preparation Services
January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Monica Plangman	01/01/20	Associate director review of monthly fee statement, specifically C12, and concurrently provide comments.	0.4	\$ 212.50	\$ 85.00
Celeste Campbell	01/02/20	Review PG&E docket for developments over the break related to the fee examiner /KPMG 0.2 Continue manager review of Exhibit C9 of 6th fee statement inclusive of deferred time dating back to March 2019 3.0; Request executed CWA from M. Gomez, save down executed CWA 0.2	3.4	\$ 162.50	\$ 552.50
Celeste Campbell	01/03/20	Research / prepare /respond to S. McNutt (counsel for FE) regarding amounts related to 1st interim fee application. 0.5 Check docket for objections to 5th fee application. 0.1 Prepare certificate of no objection 0.2 Email G. Armstrong to confirm no objections related to 5th fee application 0.1 Finalize 5th CNO with signature, PDF, draft email to Keller Beinvenutti with CNO attached requesting filing and service.. 0.2	1.1	\$ 162.50	\$ 178.75
Celeste Campbell	01/03/20	Update fee statement workbook with new Permitting Exhibit C15 and professionals from that team inclusive of titles and rates based on corresponding CWA 1.1	1.1	\$ 162.50	\$ 178.75
Celeste Campbell	01/06/20	Follow-up with M. Thareja regarding review of fee statement exhibit C11 in advance of partner review	0.1	\$ 162.50	\$ 16.25
Celeste Campbell	01/06/20	Address M. Plangman (KPMG) associate director comments related to C13 of 6th fee statement as required in advance of filing	0.3	\$ 162.50	\$ 48.75
Celeste Campbell	01/06/20	Begin manager review of 7th fee statement Exhibit C14	2.0	\$ 162.50	\$ 325.00
Celeste Campbell	01/07/20	Address G Mathur (KPMG) review comments related to Exhibit C10 including implementation of vendor cross-reference.0.9 Prepare Exhibit C10 of 7th fee statement 1.0	1.9	\$ 162.50	\$ 308.75
Celeste Campbell	01/07/20	Review original CWA along with CO1 / CO2 to refresh on nuances that may impact fees requested 0.5 continue, as of 1/7, manager review of Exhibit C9 of 6th fee statement 1.0; Finalize Exhibit C10 to send to R. Villegas (KPMG) in advance of partner, draft explanatory email with confirmation bullets. 1.0 Begin manager review of Exhibit C9 of 7th fee statement 1.5	4.0	\$ 162.50	\$ 650.00
Celeste Campbell	01/08/20	Update Exhibit D1 of 6th fee statement to include previously deferred expenses associated with services (Data Security Loan Staff) which were pending court approval dating back to beginning of engagement .4 ; Perform manager review of Exhibit D1 of 6th fee statement including deferred Data Security Loan Staff expenses dating back to beginning of engagement .5	0.9	\$ 162.50	\$ 146.25

EXHIBIT C8

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Fee Application Preparation Services
January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Celeste Campbell	01/08/20	Update Exhibit D1 of 6th fee statement updating to include previously deferred expenses for Data Security associated with amendment pending court approval dating back March of 2019. (1.0) Continue, from earlier on 1/8, to perform manager review of Exhibit D1 of 6th fee statement including deferred Data Security expenses dating back to March (2.0) Respond to M. Gomez regarding timing of billing (.1)	3.1	\$ 162.50	\$ 503.75
Celeste Campbell	01/08/20	Update Exhibit D1 of 6th fee statement updating to include previously deferred EPSA expenses associated with services which were pending court approval dating back to beginning of engagement. .8 Perform manager review of Exhibit D1 of 6th fee statement including deferred EPSA expenses dating back to beginning of engagement .6	1.4	\$ 162.50	\$ 227.50
Celeste Campbell	01/08/20	Continue, as of 1/8, preparation of Exhibit C1 of 6th fee statement 2.8;	2.8	\$ 162.50	\$ 455.00
Celeste Campbell	01/09/20	Continue, as of 1/9, to prepare Exhibit C1 of 7th fee statement	2.5	\$ 162.50	\$ 406.25
Celeste Campbell	01/09/20	Review EPSA CWA, concurrently follow-up with A. Cools (KPMG) regarding completed phases as of 8/31, confirm 0.4; Modify 6th (.2) & 7th (.2) fee statements to reflect revised fee amount requested and corresponding footnotes.(.2)	1.0	\$ 162.50	\$ 162.50
Celeste Campbell	01/09/20	Continue to prepare Exhibit C1 of 7th fee statement 2.0 Check docket for new developments relating to compensation .1	2.1	\$ 162.50	\$ 341.25
Juanita Garza	01/09/20	2.3 Begin to prepare Task 2 portion of Exhibit C1 for inclusion in 8th monthly fee statement.	2.3	\$ 137.50	\$ 316.25
Celeste Campbell	01/10/20	3.1 Continue, as of 1/10, to prepare Exhibit C1 (Task 5 portion)of 7th fee statement	3.1	\$ 162.50	\$ 503.75
Celeste Campbell	01/10/20	1.0 Continue, from earlier on 1/10, to prepare Exhibit C1 (Task 2 portion) of 7th fee statement	1.0	\$ 162.50	\$ 162.50
Juanita Garza	01/10/20	1.3 Continue, as of 01/10/20, to prepare Task 2 portion of Exhibit C1 for inclusion in 8th monthly fee statement.	1.3	\$ 137.50	\$ 178.75
Celeste Campbell	01/11/20	Continue, as of 1/11, to perform manager review of Exhibit C9 of 7th fee statement 1.8	1.8	\$ 162.50	\$ 292.50
Celeste Campbell	01/13/20	1.2 Continue, as of 1/13 to prepare Exhibit C10 of 7th fee statement	1.2	\$ 162.50	\$ 195.00
Celeste Campbell	01/13/20	1.0 Continue, as of 1/13, to prepare Exhibit C1 (Task 5) of 7th fee statement	1.0	\$ 162.50	\$ 162.50
Celeste Campbell	01/13/20	2.7 Continue, as of 1/13 to perform manager review of Exhibit C9 of 7th fee statement	2.7	\$ 162.50	\$ 438.75
Celeste Campbell	01/13/20	2.0 Continue, as of 1/13, to prepare Task 1A portion of Exhibit C1 of 7th fee statement	2.0	\$ 162.50	\$ 325.00
Celeste Campbell	01/13/20	1.0 Continue, as of 1/13, to prepare Task 2 portion of Exhibit C1 of 7th fee statement	1.0	\$ 162.50	\$ 162.50
Juanita Garza	01/13/20	2.4 Continue, as of 01/13/20, to prepare Task 2 portion of Exhibit C1 for inclusion in 8th monthly fee statement.	2.4	\$ 137.50	\$ 330.00

EXHIBIT C8

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Fee Application Preparation Services
January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Juanita Garza	01/13/20	Download receipt support for items > \$50 to provide to the Fee Examiner and PG&E for 7th fee statement	3.0	\$ 137.50	\$ 412.50
Celeste Campbell	01/14/20	1.5 Continue, as of 1/14, to prepare Task 5 portion of Exhibit C1 of 7th fee statement	1.5	\$ 162.50	\$ 243.75
Celeste Campbell	01/14/20	3.0 Continue, as of 1/14, preparation of Task 1A portion of Exhibit C1 of 7th fee statement	3.0	\$ 162.50	\$ 487.50
Celeste Campbell	01/14/20	2.0 Continue, as of 1/14, preparation of Task 2 portion of Exhibit C1 of 7th fee statement	2.0	\$ 162.50	\$ 325.00
Juanita Garza	01/14/20	Continue, as of 01/14/20, to prepare Task 2 portion of Exhibit C1 for inclusion in 8th monthly fee statement.	3.0	\$ 137.50	\$ 412.50
Juanita Garza	01/14/20	Continue, from earlier on 01/14/20, to prepare Task 2 portion of Exhibit C1 for inclusion in 8th monthly fee statement.	1.5	\$ 137.50	\$ 206.25
Celeste Campbell	01/15/20	Update Exhibit C9 based on R. Villegas (KPMG) input 0.2 Follow-up with R. Villegas (KPMG) to request list of applications in order to create an application cross-reference0.1 Create application cross-reference tab 0.3 Implement cross-reference considering all naming variations for applications under security testing for detail dating back to March 2019 (deferred pending court approval) 3.8	4.4	\$ 162.50	\$ 715.00
Celeste Campbell	01/15/20	Continue, as of 1/15, preparation of 8th fee statement (adding AMS professionals new to team to fee statement workbook) 0.3	0.4	\$ 162.50	\$ 65.00
Celeste Campbell	01/15/20	Finalize Task 2 portion of Exhibit C1 - 6th (.3), provide to R. Tucker (KPMG) requesting partner approval to file 0.4	0.4	\$ 162.50	\$ 65.00
Celeste Campbell	01/15/20	Address S. Stoddard (KPMG) comments with respect to Exhibit C1 of 6th fee statement prior to providing to partner for review / approval 0.3;	0.3	\$ 162.50	\$ 48.75
Juanita Garza	01/15/20	Continue, as of 01/15/20, to prepare Task 2 portion of Exhibit C1 for inclusion in 8th monthly fee statement.	1.2	\$ 137.50	\$ 165.00
Celeste Campbell	01/16/20	2.0 Continue, as of 1/16, to prepare Exhibit C13 of 7th fee statement	2.0	\$ 162.50	\$ 325.00
Celeste Campbell	01/16/20	3.4 Continue, as of 1/16, preparation of Exhibit C1 (Task 1A portion) of 7th fee statement	3.4	\$ 162.50	\$ 552.50
Juanita Garza	01/16/20	1.0 Continue, as of 01/16/20, to prepare Task 2 portion of Exhibit C1 for inclusion in 8th monthly fee statement.	1.0	\$ 137.50	\$ 137.50
Celeste Campbell	01/17/20	Finalize Exhibit C16 of 7th fee statement 0.4 Create review workbook for C16, draft explanatory email, send Exhibit to project leads for review .1	0.4	\$ 162.50	\$ 65.00
Celeste Campbell	01/17/20	.8 Continue, as of 1/17, to prepare C13 of 7th fee statement	0.8	\$ 162.50	\$ 130.00
Celeste Campbell	01/17/20	Begin to prepare Exhibit C8 of 7th fee statement 0.7	0.7	\$ 162.50	\$ 113.75
Celeste Campbell	01/17/20	3.9 Continue, as of 1/17, to prepare C1 of 7th fee statement	3.9	\$ 162.50	\$ 633.75
Celeste Campbell	01/17/20	Begin manager review of Exhibit D1 of 7th fee statement .8; Continue, as of 1/17, to prepare C1 of 7th fee statement 1.0;	1.8	\$ 162.50	\$ 292.50

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Fee Application Preparation Services
January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Celeste Campbell	01/18/20	Continue, as of 1/18, to prepare Exhibit C8 of 6th fee statement inclusive of deferred time	0.7	\$ 162.50	\$ 113.75
Celeste Campbell	01/18/20	Incorporate application name cross-reference into Exhibit C9 7th .6; Continue, as of 1/18, to prepare Exhibit C8 of 6th fee statement inclusive of deferred time 0.8	1.4	\$ 162.50	\$ 227.50
Celeste Campbell	01/20/20	Finalize Exhibit C15 of 7th fee statement 0.4 Create review workbook for C15, draft explanatory email, send Exhibit to project leads for review .1	0.4	\$ 162.50	\$ 65.00
Celeste Campbell	01/20/20	Finalize 6th fee statement exhibits .5; Finalize 6th narrative with updated numbers .1; create 6th review packet to send to G. Armstrong (KPMG) for approval to file .1	0.7	\$ 162.50	\$ 113.75
Celeste Campbell	01/21/20	Update 6th narrative with revised objection period, filing date and signature, PDF 0.3 Combine PDF's, review final product. 0.4 Draft email to Keller Beinvenutti requesting filing and service of 6th 0.1	0.8	\$ 162.50	\$ 130.00
Celeste Campbell	01/21/20	Prepare Excel file for Fee Examiner for 6th fee statement, transferring all data into required format, including all additional requested data points	3.9	\$ 162.50	\$ 633.75
Celeste Campbell	01/22/20	Begin to update master index with new contracts and sponsors in order to provide PG&E with requested info referencing all related CWAs	1.2	\$ 162.50	\$ 195.00
Celeste Campbell	01/22/20	Access docket and pull down filed supplemental retention application with all attachments, extracting missing information to include in spreadsheet	0.8	\$ 162.50	\$ 130.00
Celeste Campbell	01/22/20	Complete 6th excel file for Fee Examiner .3 Send 6th filed fee statement, supplemental retention order, excel file and receipts to fee examiner and team. .3	0.6	\$ 162.50	\$ 97.50
Celeste Campbell	01/22/20	Create allocation for 6th fee statement for consolidated invoice factoring 80% /100% complication due to bankruptcy	2.5	\$ 162.50	\$ 406.25
Celeste Campbell	01/23/20	Begin adding A & B invoices to invoice data file for new services (Exhibits C9, C12) to accommodate providing the fee statement data in the format requested by PG&E to facilitate their internal invoice review process.	1.2	\$ 162.50	\$ 195.00
Celeste Campbell	01/23/20	Continue, as of 1/23, preparing allocation using final info provided by EPSA and DS teams and rolling up amounts by charge code, crosschecking fees & expenses by charge code .	1.0	\$ 162.50	\$ 162.50
Celeste Campbell	01/25/20	Transfer time detail to fee statement format as first step in creating 9th monthly fee statement	2.0	\$ 162.50	\$ 325.00
Celeste Campbell	01/25/20	Update summary exhibits with professionals new to team, titles and rates, referencing applicable CWA as of November .5;	0.5	\$ 162.50	\$ 81.25
Juanita Garza	01/25/20	.5 Continue, as of 01/25/20, to prepare Resilience Support Task 2 portion of exhibit for inclusion in monthly fee statement.	0.5	\$ 137.50	\$ 68.75

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January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Celeste Campbell	01/26/20	Create initial A & B invoice spreadsheet for Quanta (new service) to accommodate PG&E request to facilitate their internal review process.	0.5	\$ 162.50	\$ 81.25
Celeste Campbell	01/26/20	Create initial A & B invoice spreadsheet of DSLs populating with PG&E requested data points to facilitate their internal invoice review process.	0.5	\$ 162.50	\$ 81.25
Celeste Campbell	01/26/20	Create initial A & B invoice spreadsheet of CCPA populating with PG&E requested data points to facilitate their internal invoice review process.	0.5	\$ 162.50	\$ 81.25
Celeste Campbell	01/26/20	Continue preparing 6th invoice information (C1) in the format requested by PG&E (sort / subtotal by person, divide out expenses by engagement), add explanatory footnotes, pull in invoice numbers 1.0	1.0	\$ 162.50	\$ 162.50
Celeste Campbell	01/26/20	Create initial A & B invoice spreadsheet for EPSA populating with PG&E requested data points to facilitate their internal invoice process.	0.5	\$ 162.50	\$ 81.25
Celeste Campbell	01/26/20	Continue, as of 1/26, preparing 6th invoice information (C1) in the format requested by PG&E (sort / subtotal by person, divide out expenses by engagement), add explanatory footnotes, pull in invoice numbers 1.0	1.5	\$ 162.50	\$ 243.75
Celeste Campbell	01/27/20	Prepare detail support for 6th fee statement for PG&E in format requested (sorted subtotaled by person and expenses by project) and crosscheck	3.0	\$ 162.50	\$ 487.50
Celeste Campbell	01/27/20	Crosscheck, create final combined PDF with A&B invoices and corresponding support for PG&E 0.7 Email to 6th invoice information to A. Bird (PG&E Law Finance team) with receipts 0.2	0.9	\$ 162.50	\$ 146.25
Celeste Campbell	01/28/20	Finalize Exhibit C10 of 7th fee statement .4 , send to G. Mathur (KPMG) with instructions / review request in advance of partner review 0.1	0.5	\$ 162.50	\$ 81.25
Celeste Campbell	01/28/20	Finalize Exhibit C13 of 7th fee statement .3 , send to J. Conkel (KPMG) with instructions / review request in advance of partner review 0.1	0.4	\$ 162.50	\$ 65.00
Celeste Campbell	01/28/20	Finalize Exhibit C12 of 7th fee statement .3 , send to A. Cools, R. Goy (KPMG) with instructions / review request in advance of partner review 0.1	0.4	\$ 162.50	\$ 65.00
Celeste Campbell	01/28/20	Finalize Exhibit C15 of 7th fee statement .6 , send to S. Stoddard, T.Gaustad (KPMG) with instructions / review request in advance of partner review 0.1	0.7	\$ 162.50	\$ 113.75
Juanita Garza	01/28/20	Continue, as of 1/28, to download receipt support for items > \$50 to provide to the Fee Examiner and PG&E for 7th fee statement	1.1	\$ 137.50	\$ 151.25
Celeste Campbell	01/29/20	Perform manager review of Task 1 portion of Exhibit C1 of 7th fee statement 1.4 ; Finalize Exhibit C1 of 7th fee statement .4 , send to J. White (KPMG) with instructions / review request in advance of partner review 0.1	1.9	\$ 162.50	\$ 308.75

EXHIBIT C8**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**Fee Application Preparation Services
January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Celeste Campbell	01/29/20	Perform manager review of Task 2 portion of Exhibit C1 of 7th fee statement 2.0 ; Finalize Exhibit C1 of 7th fee statement .4 , send to S. Stoddard (KPMG) with instructions / review request in advance of partner review 0.1	2.5	\$ 162.50	\$ 406.25
Celeste Campbell	01/31/20	Perform manager review of Exhibit D1 of 7th fee statement as required in advance of filing	2.0	\$ 162.50	\$ 325.00
Total Fee Application Preparation Services			118.7		\$ 18,876.25

EXHIBIT C9

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

IT Software Services (Phase II)

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	01/02/20	Collaborative session with A. Fedorova (PG&E) to troubleshoot the issues faced by application 12.	3.7	\$ 260.00	\$ 962.00
Matthew Rice	01/02/20	Review email communication from PG&E IT Software Services contacts that accrued during the holiday break, concurrently responding to emails.	2.2	\$ 260.00	\$ 572.00
Rohit Nagdeo	01/02/20	Collaborative session with L. Milum, S. Lam (PG&E) regarding the certificate configuration of Application 14.	2.1	\$ 260.00	\$ 546.00
Matthew Rice	01/02/20	Meeting with K. Chander (PG&E) to review projects/tasks, as of 01/02/20, for better estimation of timelines to complete work left.	1.5	\$ 260.00	\$ 390.00
Matthew Rice	01/02/20	Meeting with S. Lam, G. Nagothu, K. Chander, J. Altuna, R. Muttavarapu (Sudha) (PG&E) and M. Rice (KPMG) to reconfigure the Load Balancer to directly hit backend Application Server Servers and bypass Web Server, in essence to mimic what was proven to work in TEST and solve issues with Web Server.	1.4	\$ 260.00	\$ 364.00
Rama Bhaskara	01/02/20	Performed unit testing for Application 1 Proxy application for Impersonation use cases.	1.2	\$ 260.00	\$ 312.00
Rohit Nagdeo	01/02/20	Collaborative session with P. Yandapalli and G. Nagothu(PG&E) regarding the Application 24 design issues.	1.2	\$ 260.00	\$ 312.00
Rama Bhaskara	01/02/20	Performed the additional unit testing for Application 5 Enrollment use cases in TEST environment for PingAccess Logout scenario.	1.1	\$ 260.00	\$ 286.00
Rama Bhaskara	01/02/20	External Application 13 QA Release Plan meeting: C. Kailash, L. Milum, S. Modupally, (PG&E) and R. Bhaskara (KPMG).	1.1	\$ 260.00	\$ 286.00
Rama Bhaskara	01/02/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E) and M. Rice (KPMG) as of 01/02/20 regarding status of developers action items and also discussed blockers.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/02/20	Performed configuration changes for Application 8 host changes in TEST environment similar to QA environment, concurrently tested the changes.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/02/20	Reviewed testing report, concurrently tested PINGAccess Token setup for SSO use case.	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/02/20	Meeting with R. Nagdeo and K. Chander (PG&E) regarding the Application 12 issues in all the environments as of 1/02/2020.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/02/20	Reviewed Application 25 directory changes in DEV / TEST, concurrently performed testing to confirm the changes.	0.9	\$ 260.00	\$ 234.00
Matthew Rice	01/02/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E) and R. Bhaskara (KPMG) as of 01/02/20 regarding status of developers action items and also discussed blockers. (partial attendance)	0.8	\$ 260.00	\$ 208.00

EXHIBIT C9

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

IT Software Services (Phase II)

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	01/02/20	Reviewed Application 32 requirements, concurrently communicating with S. Modupally(PG&E) for clarifications over the Application 32 Impersonation requirements.	0.7	\$ 260.00	\$ 182.00
Matthew Rice	01/02/20	Performed MS Project updated on SharePoint for PG&E concurrently ran into issues where SharePoint wouldn't accept the file.	0.7	\$ 260.00	\$ 182.00
Matthew Rice	01/02/20	Emailed K. Chander (PG&E) to assist with finding the root cause of CCSF project changes.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/02/20	Draft, concurrently sent email summarizing the changes made to Application 24 in QA to S. Lam, G. Nagothu, K. Chander, J. Altuna, R. Muttavarapu (Sudha), L. Milum, S.Hunt, R. Thomas (PG&E), R. Nagdeo, R. Bhaskara, R. Villegas (KPMG).	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/02/20	Brief discussion with K. Chander (PG&E) to discuss how to arrange current project plan so as to not miss items/tasks that are not specifically addressed in the new format of the PG&E Technical standups	0.2	\$ 260.00	\$ 52.00
Matthew Rice	01/02/20	Email to L. Milum (PG&E) explaining the 301 redirection rule for Application 14.	0.2	\$ 260.00	\$ 52.00
Matthew Rice	01/02/20	Email reply to J. Sunderrajan, R. Breedt, K. Chander, S. Vannemreddi, N. Alluri, S. Batchu, A. Nadipally (PG&E) asking for points of contact for CCSF project (acronym unknown) so as to understand the negative affects on our project.	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/02/20	Draft email to K. Chander, S. Hunt (PG&E), R. Villegas (KPMG) to figure out the point of contact for CCSF project to allow for various teams Operations and Management (OnM) to revert to former baselines that broke Application 2/Application 2 Application Submission functionality.	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/02/20	Draft email to J. Sunderrajan, R. Breedt, K. Chander, S. Vannemreddi, N. Alluri, S. Batchu, A. Nadipally (PG&E) in regards to keeping the Migration Project informed of changes that are made during 1/3/20.	0.1	\$ 260.00	\$ 26.00
Rohit Nagdeo	01/03/20	Meeting with S. Lam and L. Milum (PG&E) to continue work on the Application 14 certificate configuration.	2.9	\$ 260.00	\$ 754.00
Matthew Rice	01/03/20	2.0 Troubleshoot Application 1 ToI login in the TEST environment with S. Lam (PG&E) working with S. Lam, S.Hu (both PG&E) to determine root cause analysis. .1 Drafted email to team members with findings and to let them know that S.Hu (PG&E) was working on it;	2.1	\$ 260.00	\$ 546.00
Rama Bhaskara	01/03/20	Updated External Application 13 Deployment Guide as of 1/3/20	1.6	\$ 260.00	\$ 416.00
Rohit Nagdeo	01/03/20	Supported Application 7 to resolve the issue pertaining to DEV environment.	1.3	\$ 260.00	\$ 338.00

EXHIBIT C9

PG&E Corporation and PG&E Company, et.al.

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IT Software Services (Phase II)

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Matthew Rice	01/03/20	Reviewed Application 3 for the cause of the login form page not displaying, turns out the wrong PING domain was being used, concurrently drafted email outlining the findings to J. Altuna, T. Sathyanarayana, L. Milum, L. Carter, S. Lam, K. Singh, R. Muttavarapu, S. Hunt, K. Chander (PG&E), R. Bhaskara (KPMG).	1.1	\$ 260.00	\$ 286.00
Rohit Nagdeo	01/03/20	Attended the meeting regarding Application 7 steps needed to move towards production.	1.1	\$ 260.00	\$ 286.00
Rama Bhaskara	01/03/20	Application 8 Production deployment meeting: K. Chander, A. Ramakrishanan, S. Lam, J. Altuna, M. Carter (PG&E), R. Bhaskara (KPMG).	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/03/20	Load Balancer collaborative session with S. Lam, K. Chander, P. Mantravadi, P. Piccou Jr. (PG&E) to discuss the blockers that exist to upgrade the Mobile Load Balancer (Internet Facing) to have an module installed so that "Bad Character Blocking" can be implemented on the Mobile Load Balancer.	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/03/20	Project Status Meeting as of 1/3 with K. Chander, L. Milum, R. Rice, B. Rama, M. Pulavarthi, J. Altuna, S. Lam, S. Modupalli (PG&E) and R. Nagdeo (KPMG).	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/03/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E) and M. Rice (KPMG) to discuss status as of 1/3/20 of developers action items and discussed blockers.	0.8	\$ 260.00	\$ 208.00
Matthew Rice	01/03/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E) and R. Bhaskara (KPMG) to discuss status as of 1/03/20 of developers action items and discussed blockers.	0.8	\$ 260.00	\$ 208.00
Matthew Rice	01/03/20	MS teams collaboration with A. Nemani (PG&E) around CCSF project details, who is running it, what it's purpose is, rough timelines, concurrently draft an email to introduce the Project Managers to one another and help them determine timelines that will not conflict.	0.7	\$ 260.00	\$ 182.00
Rama Bhaskara	01/03/20	Meeting with R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 01/03/20, to ensure alignment with client priorities based on daily communications regarding same.	0.6	\$ 260.00	\$ 156.00
Rama Bhaskara	01/03/20	Collaborative Single Signon troubleshooting with R. Nagdeo and M. Rice (KPMG) in DEV to quickly test an item that was called out in testing results but quickly found issues in DEV that prevented the KPMG team from doing the investigation.	0.6	\$ 260.00	\$ 156.00
Rama Bhaskara	01/03/20	Performed testing over Application 2 Proxy Logout scenarios in DEV environment.	0.6	\$ 260.00	\$ 156.00
Rama Bhaskara	01/03/20	Performed analysis for Application 3 Internal Application in QA environment.	0.6	\$ 260.00	\$ 156.00
Matthew Rice	01/03/20	Meeting with R. Bhaskara, R. Nagdeo (KPMG) regarding current status, next steps, as of 01/03/20, to ensure alignment with client priorities based on daily communications regarding same.	0.6	\$ 260.00	\$ 156.00

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Case No. 19-30088

IT Software Services (Phase II)

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Matthew Rice	01/03/20	Collaborative Single Signon troubleshooting with R. Nagdeo, R. Bhaskara (KPMG) in DEV to quickly test an item that was called out in testing results but quickly found issues in DEV that prevented the KPMG team from doing the investigation.	0.6	\$ 260.00	\$ 156.00
Matthew Rice	01/03/20	MS Project updates with status/bugs that were reported over the last few days of work, concurrently updated SharePoint as well with latest version.	0.6	\$ 260.00	\$ 156.00
Rohit Nagdeo	01/03/20	Meeting with R. Bhaskara, M. Rice (KPMG) regarding current status, next steps, as of 01/03/20, to ensure alignment with client priorities based on daily communications regarding same.	0.6	\$ 260.00	\$ 156.00
Rohit Nagdeo	01/03/20	Collaborative Single Signon troubleshooting with R. Bhaskara and M. Rice (KPMG) in DEV to quickly test an item that was called out in testing results but quickly found issues in DEV that prevented the KPMG team from doing the investigation.	0.6	\$ 260.00	\$ 156.00
Rama Bhaskara	01/03/20	Application 3 Internal Login issue meeting with N. Anusha(PG&E), R. Bhaskara (KPMG) and conference with M. Pulivarathi (PG&E) for clarifications on login user id and password for QA environment.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/03/20	Touchbase meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarathi, S. Modupalli, S. Lam (PG&E) and M. Rice (KPMG) to ensure PG&E and KPMG development/implementers are aware of current project status.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/03/20	Performed Application 25 Login use case testing in TEST environment, concurrently provided required details to N. Anusha (PG&E) over Microsoft teams.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/03/20	Touchbase meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarathi, S. Modupalli, S. Lam (PG&E) and M. Rice (KPMG) to ensure PG&E and KPMG development/implementers are aware of current project status.	0.5	\$ 260.00	\$ 130.00
Rohit Nagdeo	01/03/20	Technical status, as of 01/03/20, session with J. Altuna, S. Lam, L. Milum, M. Pulivarathi, B. Thomas, B. Deutsch, A. Nadipally, R. Muttavarapu (Sudha), S. Modupalli, N. Sharma, K. Chander (PG&E), M. Rice, R. Nagdeo, R. Bhaskara (KPMG) to review the status of developers action items in the MS Project Plan.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/03/20	Meeting with L. Sokun (PG&E) for validation task for Load Balancer VIP changes for External Application 13 in QA environment.	0.4	\$ 260.00	\$ 104.00
Rama Bhaskara	01/03/20	Meeting with K. Chander (PG&E) regarding latest details, as of 01/03/20, for Application 30 migration task.	0.3	\$ 260.00	\$ 78.00

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IT Software Services (Phase II)

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Matthew Rice	01/03/20	Email to M. Pulivarthi, S. Batchu, R. Jeyarajan, K. Chander, A. Nadipally, S.Hunt (PG&E), R. Nagdeo, R. Bhaskara (KPMG) outlining Application 1 in DEV issues when logging in, trying to use the lower DEV environment for testing defect resolution.	0.2	\$ 260.00	\$ 52.00
Matthew Rice	01/03/20	Email to M. Pulivarthi, S. Batchu, R. Jeyarajan, K. Chander, A. Nadipally, S. Hunt (PG&E), R. Nagdeo, R. Bhaskara (KPMG) regarding demonstrating issues in Application 1 with user enrollment redirection handling.	0.2	\$ 260.00	\$ 52.00
Matthew Rice	01/03/20	Conversation with K. Chander (PG&E) about M.A.P (Management Action Plan) item that was received from S. Rai (PG&E).	0.2	\$ 260.00	\$ 52.00
Matthew Rice	01/03/20	Confirm that Application 1 in DEV was fixed (problem was around servers not running). Email reply to M. Pulivarthi, S. Batchu, R. Jeyarajan, K. Chander, A. Nadipally, S.Hunt (PG&E), R. Nagdeo, R. Bhaskara (KPMG) stating that the problem had been resolved	0.2	\$ 260.00	\$ 52.00
Matthew Rice	01/03/20	Call with A. Nadipally (PG&E) clarifying use case that I emailed PG&E about earlier. The use case was around broken Application 1 enrollment functionality coming from Application 2/Application 2.	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/03/20	Email to K. Chander and S. Hunt (PG&E) providing them resources to be able to review the M.A.P (Mgmt. Action Plan) internally.	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/03/20	Email reply to L. Milum confirming that A.Chauhan (PG&E) was tasked with upgrading PingFederate in DEV using the KPMG provided document.	0.1	\$ 260.00	\$ 26.00
Rohit Nagdeo	01/06/20	Implemented changes in the PING Environment for Application 24 to support performance testing in QA environment at the request of G. Nagothu, R. Thomas (PG&E).	3.5	\$ 260.00	\$ 910.00
Matthew Rice	01/06/20	2.1 Performed testing over Single Signon and SingleLogoff between Application 1 and Application 3 Customer applications in DEV / TEST. Was able to replicate numerous times an issue where the Application 1 application does not handle the JSON returned properly, concurrently logging all steps with appropriate screenshots and provided to PG&E Development and Testing teams. Replicated in both lower environments: DEV / TEST. Asked A. Nadipally to try and replicate and if so, to please log defect. Email recipients: M. Pulivarthi, R. Jeyarajan, A. Nadipally, S.Hunt, K. Chander (PG&E), R. Villegas, R. Nagdeo, R. Bhaskara (KPMG);	2.1	\$ 260.00	\$ 546.00
Matthew Rice	01/06/20	Testing initial defect that was logged, concurrently found some issues, noted results of more than one cookie being returned	1.6	\$ 260.00	\$ 416.00
Rama Bhaskara	01/06/20	Performed testing of setup in DEV environment.	1.5	\$ 260.00	\$ 390.00

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Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	01/06/20	Collaborative session with B. Thomas (PG&E) to identify the list of maps that are part of Application 7.	1.4	\$ 260.00	\$ 364.00
Rama Bhaskara	01/06/20	Performed the additional testing for External Application 13 in TEST environment.	1.3	\$ 260.00	\$ 338.00
Matthew Rice	01/06/20	Application 13 Migration meeting with S. Minarcin, S. Modupalli, A. Nadipally, B. Thomas, M. Seikh (PG&E) and M. Rice (KPMG) regarding outlining tasks/determine migration date to QA concurrently reviewed questions and concerns that were raised over resourcing and availability.	1.3	\$ 260.00	\$ 338.00
Rama Bhaskara	01/06/20	Performed the review, concurrently updated the virtual host edits for QA for External Application 13 Deployment guide and uploaded to SharePoint.	1.2	\$ 260.00	\$ 312.00
Rama Bhaskara	01/06/20	Performed the analysis for Application 3 intra nonauthorization policy issue in DEV, concurrently testing to facilitate resolution.	1.2	\$ 260.00	\$ 312.00
Rohit Nagdeo	01/06/20	Meeting with K. Chander, A. Fedorova, N. Gupta, L. Milum (PG&E) regarding the Application12 deployment plan.	1.2	\$ 260.00	\$ 312.00
Rohit Nagdeo	01/06/20	Meeting with K. Chander, S. Modupalli, L. Milum (PG&E) regarding the Application 9 deployment plan.	1.1	\$ 260.00	\$ 286.00
Rama Bhaskara	01/06/20	Meeting with A. Nadipally, S. Hu, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam, A. Saka, L. Milum (PG&E), M. Rice and R. Nagdeo (KPMG) to discuss status as of 1/6/20, on the developers action items and also discussed blockers.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/06/20	Performed testing for Application 25 in TEST environment.	0.8	\$ 260.00	\$ 208.00
Matthew Rice	01/06/20	Meeting with A. Nadipally, S. Hu, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam, A. Saka, L. Milum (PG&E), R. Bhaskara, R. Nagdeo (KPMG) to discuss status as of 1/6/20, on the developers action items and also discussed blockers. (Partial attendance)	0.8	\$ 260.00	\$ 208.00
Rohit Nagdeo	01/06/20	Meeting with A. Nadipally, S. Hu, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam, A. Saka, L. Milum (PG&E), M. Rice and R. Bhaskara (KPMG) to discuss status as of 1/6/20, on the developers action items and also discussed blockers. (Partial attendance)	0.8	\$ 260.00	\$ 208.00
Matthew Rice	01/06/20	Conference call with K. Chander, B. Thomas, L. Milum, R. Jeyarajan, M. Pulivarthi (PG&E) to review MAP (Mgmt. Action Plan) regarding separation 1 policy into 2 policies for applications requiring additional higher level of security.	0.6	\$ 260.00	\$ 156.00
Rama Bhaskara	01/06/20	Meeting with A. Nadipally (PG&E) regarding Application 3 credentials details in QA.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/06/20	SAPHR QA pending items meeting with B. Thomas (PG&E) regarding discussion over pending task items for Application 30 completion in QA environment.	0.5	\$ 260.00	\$ 130.00

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IT Software Services (Phase II)

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Matthew Rice	01/06/20	Email to S. Hunt, K. Chander (PG&E), R. Villegas (KPMG) summarizing findings from MS Teams conversation with A. Nemani (PG&E) as of 1/3/20, concurrently outlined key data points around defect 757 which was raised due to CCSF project changes to QA8 environment.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/06/20	Follow-up with R. Bhaskara (KPMG) regarding concerns with Application 17 and the Load Balancer and the lack of testing in PROD.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/06/20	Drafted email outlining items from Friday's conversation with P. Piccou Jr. (PG&E) regarding adding module to Load Balancer/ outstanding items and asked for P. Piccou Jr. to provide more details around tasks that need to be completed to get this work done. Email recipients were: P. Piccou Jr., S.Hunt, K. Chander, P. Mantravadi (PG&E), R. Villegas, R. Nagdeo, R. Bhaskara (KPMG):	0.4	\$ 260.00	\$ 104.00
Matthew Rice	01/06/20	Email reply to S. Hu, A. Nadipally, J. Paul, N. Dsouza, M. Pulivarthi, R. Jeyarajan, S. Batchu, S. Lam, S. Modupalli, L. Milum, S. Mallick, Sourish, K. Chander, S.Hunt (PG&E), R. Nagdeo, R. Bhaskara (KPMG) regarding API Gateway outage in TEST environment issues	0.2	\$ 260.00	\$ 52.00
Matthew Rice	01/06/20	Tested and verified that TEST Application 1 login was fixed after API Gateway outage was fixed, concurrently emailed S.Hu, A. Nadipally, J. Paul, N.Dsouza, M. Pulivarthi, R. Jeyarajan, S.Batchu, S. Lam, S. Modupalli, L. Milum, S.Mallick, Sourish, K. Chander, S.Hunt (PG&E), R. Nagdeo, R. Bhaskara (KPMG) to re-verify a few other application logins are successful.	0.2	\$ 260.00	\$ 52.00
Matthew Rice	01/06/20	Email to S. McChesney, A. Antles, C. Guppy, A. Brown (Optiv), S. Hunt, K. Chander (PG&E), R. Villegas, R. Nagdeo, R. Bhaskara (KPMG) asking for assistance to installing BURP on PG&E Citrix.	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/06/20	Emailed M. Pulivarthi, R. Jeyarajan, A. Nadipally, S. Hunt, K. Chander (PG&E), R. Villegas, R. Nagdeo, R. Bhaskara (KPMG) requesting assistance with login failures for Application 4 in DEV environment/An API does not seem to finish and hangs indefinitely.	0.1	\$ 260.00	\$ 26.00
Rohit Nagdeo	01/07/20	Supported the performance testing of Application 24 with Performance tester A. Sharma (PG&E), concurrently reported error in application.	2.3	\$ 260.00	\$ 598.00
Matthew Rice	01/07/20	MS Project updates with latest defects against Application 1, Application 3 applications, concurrently moved time estimates out for more accurate planning.	2.1	\$ 260.00	\$ 546.00
Matthew Rice	01/07/20	Continued, as of 1/7, testing defect that was logged by Optiv.	1.6	\$ 260.00	\$ 416.00
Rohit Nagdeo	01/07/20	Joined a meeting with K. Chander (PG&E) to create the process document to migrate the Application 4 form test to QA environment.	1.6	\$ 260.00	\$ 416.00

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Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	01/07/20	Updated the Application 25 Deployment Guide for directory policy changes required for QA deployment for next day.	1.5	\$ 260.00	\$ 390.00
Rohit Nagdeo	01/07/20	Continued, as of 1/7, to modify the PING configuration for application 24 so that it can be performance tested.	1.4	\$ 260.00	\$ 364.00
Rama Bhaskara	01/07/20	Performed the analysis for Application 25 member Of attribute setup, concurrently compared with Application 18 setup to avoid browser issue.	1.2	\$ 260.00	\$ 312.00
Matthew Rice	01/07/20	BURP tool demonstration with A. Antles (Optiv).	1.1	\$ 260.00	\$ 286.00
Rama Bhaskara	01/07/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), M. Rice (KPMG) regarding status, as of 01/07/20, of developers action items and also discussed blockers.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/07/20	Performed analysis for "Read only" access Group setup for PingFederate console access in DEV for new group names L. Milum (PG&E) has created .	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/07/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), R. Bhaskara (KPMG) regarding status, as of 01/07/20, of developers action items and also discussed blockers.	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/07/20	Deployment meeting with L. Milum, K. Chander, J. Altuna, M. Pulivarthi (PG&E), R. Nagdeo (KPMG) for Big Bang Apps Phase 3 (Application 1, Application 3, Application 4) from TEST to QA. R. Nagdeo added advice on prerequisites needed for the migration.	1.0	\$ 260.00	\$ 260.00
Rob Villegas	01/07/20	Technical Status, as of 01/07/20, session with L. Milum, M. Pulivarthi, R. Jeyarajan, B. Thomas, A. Nadipally, J. Altuna, S. Lam, K. Chander (PG&E) to review the status of developers action items in the MS Project Plan.	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/07/20	Technical status, as of 01/07/20, meeting with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas, B. Deutsch, A. Nadipally, R. Muttavarapu (Sudha), S. Modupalli, N. Sharma, K. Chander (PG&E) to review the status of developers action items in the MS Project Plan.	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/07/20	Deployment meeting with L. Milum, K. Chander, J. Altuna, M. Pulivarthi (PG&E), M. Rice (KPMG) for Big Bang Apps Phase 3 (Application 1, Application 3, Application 4) from TEST to QA. R. Nagdeo added advice on prerequisites needed for the migration.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/07/20	Meeting with S. Lam (PG&E) for Application 13 VIP setup, concurrently validated sql certificates/ Load balancer setup ets for QA environment in a WebEx screen share session.	0.9	\$ 260.00	\$ 234.00
Rama Bhaskara	01/07/20	Meeting with A. Nadipally (PG&E) regarding login credential issues for testing team using a WebEx screen share session.	0.8	\$ 260.00	\$ 208.00

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PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

IT Software Services (Phase II)

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	01/07/20	Performed Single Signon troubleshooting in DEV for Application 5 (.4) and Application 3 (.3) in DEV.	0.7	\$ 260.00	\$ 182.00
Rob Villegas	01/07/20	Meeting with R. Nagdeo, R. Bhaskara and M. Rice (KPMG) regarding current status, next steps, as of 01/07/20, to ensure alignment with client priorities based on daily communications regarding same.	0.7	\$ 260.00	\$ 182.00
Rohit Nagdeo	01/07/20	Meeting with R. Bhaskara, M. Rice, R. Villegas (KPMG) regarding current status, next steps, as of 01/07/20, to ensure alignment with client priorities based on daily communications regarding same.	0.7	\$ 260.00	\$ 182.00
Rama Bhaskara	01/07/20	Meeting with R. Nagdeo, M. Rice, R. Villegas (KPMG) regarding current status, next steps, as of 01/07/20, to ensure alignment with client priorities based on daily communications regarding same.	0.6	\$ 260.00	\$ 156.00
Matthew Rice	01/07/20	(Partial attendance) Meeting with R. Nagdeo, R. Bhaskara, R. Villegas (KPMG) regarding current status, next steps, as of 01/07/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/07/20	(Partial attendance) Touchbase meeting with A. Chauhan, L. Milum, K. Chander, A. Kumar, K. Shah (PG&E) the CCSF (City & County of San Francisco) project leaders regarding changes for the project that caused a defect to break with Application 2/Application 2 which caused several months of debugging effort.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/07/20	Support deployment meeting with K. Chander, A. Chauhan, A. Tan (PG&E) regarding Application 16 to TEST, concurrently Performance Testing in QA.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/07/20	Meeting with K. Chander (PG&E) regarding updating the status of deployment procedure for Application 13 in QA environment.	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/07/20	Emailed A. Chauhan, L. Milum, K. Chander, A. Kumar, K. Shah, A. Nemani (PG&E) regarding CCSF project outlining the history of defect 757, concurrently the time it took to find the right people to help fix the problem.	0.2	\$ 260.00	\$ 52.00
Matthew Rice	01/07/20	Draft email to R. Villegas, R. Nagdeo, R. Bhaskara (KPMG) regarding findings of initial testing results from 1/06/20 activities.	0.2	\$ 260.00	\$ 52.00
Rohit Nagdeo	01/08/20	Migrated Application 12 (both the internal and external interface from test environment to QA) working with M. Lee, K. Chander, A. Fedorova, N. Gupta, J. Altuna, S. Lam (PG&E).	4.9	\$ 260.00	\$ 1,274.00
Rama Bhaskara	01/08/20	External Application 13 Deployment to QA: K. Chander, L. Milum, M. Pulivarthi, S. Modupalli (PG&E), R. Bhaskara & M. Rice (KPMG), M. Rice - partial attendance	4.1	\$ 260.00	\$ 1,066.00
Rama Bhaskara	01/08/20	Application 25 Deployment to QA: Perform analysis over Deployment issues, investigated issues, concurrently providing guidance for L. Milum & B. Thomas (PG&E) for a successful Application 25 deployment to QA.	2.5	\$ 260.00	\$ 650.00

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January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	01/08/20	Analyze with J. Altuna to identify/fix the issue that was reported with Application 12 which is down in dev environment.	2.3	\$ 260.00	\$ 598.00
Matthew Rice	01/08/20	Meeting with K. Chander, R. Muttavarapu (aka Sudha), L. Milum, S. Modupalli (PG&E) and M. Rice (KPMG) regarding support of Application 13 migration from TEST to QA, concurrently troubleshooting effort to determine which JAR file version/size was the correct version to be deployed.	2.2	\$ 260.00	\$ 572.00
Matthew Rice	01/08/20	Testing around Application 5 protected resources for MEDIUM defect logged by Optiv	2.2	\$ 260.00	\$ 572.00
Rama Bhaskara	01/08/20	Collaborative session with M. Rice (KPMG) who demonstrated BURP and initial findings around testing defect.	1.1	\$ 260.00	\$ 286.00
Matthew Rice	01/08/20	Collaborative session to demonstrate BURP and initial findings to R. Bhaskara (KPMG) around testing defect	1.1	\$ 260.00	\$ 286.00
Matthew Rice	01/08/20	Meeting with K. Chander (PG&E) regarding the status, as of 01/08/20, of the project plan.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/08/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E) and M. Rice (KPMG) regarding status of developers action items as of 1/8, and discussed blockers.	0.8	\$ 260.00	\$ 208.00
Rama Bhaskara	01/08/20	Performed Application 8 testing in TEST / QA for login use cases, concurrently had conversation with A. Ramakrishnan (PG&E) over teams for business clarifications.	0.8	\$ 260.00	\$ 208.00
Matthew Rice	01/08/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E) and R. Bhaskara (KPMG) regarding status of developers action items and discussed blockers.	0.8	\$ 260.00	\$ 208.00
Rob Villegas	01/08/20	Technical Status Call with L. Milum, M. Pulivarthi, R. Jeyarajan, B. Thomas, A. Nadipally, J. Altuna, S. Lam, K. Chander (PG&E) regarding open items as of 01/08/20.	0.8	\$ 260.00	\$ 208.00
Rohit Nagdeo	01/08/20	Technical status, as of 01/08/20, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas, B. Deutsch, A. Nadipally, R. Muttavarapu (Sudha), S. Modupalli, N. Sharma, K. Chander (PG&E) to review the status of developers action items in the MS Project Plan.	0.8	\$ 260.00	\$ 208.00
Rama Bhaskara	01/08/20	Meeting with R. Villegas, M. Rice (KPMG) regarding current status, next steps, as of 01/08/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/08/20	Meeting with R. Villegas, R. Bhaskara (KPMG) regarding current status, next steps, as of 01/08/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00

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Name	Date	Description	Hours	Rate	Amount
Rob Villegas	01/08/20	Meeting with R. Bhaskara, M. Rice (KPMG) regarding current status, next steps, as of 01/08/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/08/20	Discussion with R. Villegas(KPMG) and K. Chander (PG&E) in regards to Application 6 status/movement to PROD.	0.3	\$ 260.00	\$ 78.00
Rob Villegas	01/08/20	Discussion with M. Rice (KPMG) and K. Chander (PG&E) in regards to Application 6 status/movement to PROD.	0.3	\$ 260.00	\$ 78.00
Rama Bhaskara	01/08/20	Meeting with M. Pulivarathi (PG&E) to verify Application 6 configuration for Application 13 setup in QA environment.	0.2	\$ 260.00	\$ 52.00
Rohit Nagdeo	01/09/20	Working session with M. Pulvarthi, L. Milum, and J. Altuna (PG&E) to resolve the login issue with the existing users of the Application 12 external interface.	3.8	\$ 260.00	\$ 988.00
Rohit Nagdeo	01/09/20	Joined call to troubleshoot the Application 7 code changes with K. Chander and G. Riar (PG&E).	1.9	\$ 260.00	\$ 494.00
Rama Bhaskara	01/09/20	Performed Policy changes for Application 13 in TEST environment to correct ACR issue, concurrently performed the testing in TEST.	1.2	\$ 260.00	\$ 312.00
Rama Bhaskara	01/09/20	Meeting with R. Nagdeo, M. Rice, R. Villegas (KPMG) regarding current status, next steps, as of 01/09/20, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/09/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), M. Rice and R. Nagdeo(KPMG) regarding status, as of 01/09/20, of developers action items and discussed blockers.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/09/20	Performed the analysis for Application 25 deployment issues, concurrently investigated alternatives for PROD directory testing requirement for Application 25 before releasing to PROD.	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/09/20	Meeting with R. Nagdeo, R. Villegas and R. Bhaskara (KPMG) regarding current status, next steps, as of 01/09/20, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/09/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), R. Bhaskara, R. Nagdeo(KPMG) regarding status, as of 01/09/20, of developers action items and discussed blockers.	1.0	\$ 260.00	\$ 260.00
Rob Villegas	01/09/20	Meeting with R. Nagdeo, M. Rice and R. Bhaskara (KPMG) regarding current status, next steps, as of 01/09/20, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 260.00	\$ 260.00

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Name	Date	Description	Hours	Rate	Amount
Rob Villegas	01/09/20	Technical Status, as of 01/09/20, session with L. Milum, M. Pulivarthi, R. Jeyarajan, B. Thomas, A. Nadipally, J. Altuna, S. Lam and K. Chander (PG&E) to review the status of developers action items in the MS Project Plan.	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/09/20	Meeting with M. Rice, R. Villegas and R. Bhaskara (KPMG) regarding current status, next steps, as of 01/09/20, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/09/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), M. Rice and R. Bhaskara (KPMG) regarding status, as of 01/09/20, of developers action items and discussed blockers.	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/09/20	Review, concurrently update R. Villegas (KPMG) email in response to email chain entitled: SM to Ping MigrationFirewall and network related pending items.	0.9	\$ 260.00	\$ 234.00
Rama Bhaskara	01/09/20	Performed Analysis for Application 3 Intra Defect 1052 in QA environment.	0.8	\$ 260.00	\$ 208.00
Matthew Rice	01/09/20	Support meeting with S. Hunt, K. Chander, W. Temple, P. Mantravadi, S. Lam, P. Piccou Jr. (PG&E) regarding Load Balancer Module update path planning events and tasks.	0.8	\$ 260.00	\$ 208.00
Matthew Rice	01/09/20	Review, concurrently incorporating changes from A. Chauhan into "Custom Work Required After Ping Upgrade" document.	0.8	\$ 260.00	\$ 208.00
Rama Bhaskara	01/09/20	Meeting with A. Nadipally (PG&E) regarding WebEx screen share session for Application 1 Proxy testing clarifications.	0.7	\$ 260.00	\$ 182.00
Rama Bhaskara	01/09/20	Updated Application 13 PingAccess Deployment guide with missing PA cookie changes, for upload to PG&E SharePoint.	0.6	\$ 260.00	\$ 156.00
Matthew Rice	01/09/20	Meeting with S. Lam (PG&E) regarding details on External Load Balancer, the module work that is outstanding. This was in preparation for an email reply to R. Villegas (KPMG).	0.6	\$ 260.00	\$ 156.00
Matthew Rice	01/09/20	Email correspondence with S. Lam regarding FER's that was opened up for Load Balancer APM work on External Load Balancer's.	0.6	\$ 260.00	\$ 156.00
Rama Bhaskara	01/09/20	Meeting with A. Nadipally (PG&E) for conversation over Application 1 Proxy clarifications regarding impersonation flow.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/09/20	Meeting with S. Modupalli (PG&E) over teams, concurrently discussed Application 13 deployment issues / alternatives.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/09/20	Meeting with A. Chauhan (PG&E) regarding review of PingFederate Upgrade Customized Work document in DEV.	0.5	\$ 260.00	\$ 130.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	01/09/20	Update / extract DNS, Load Balancer, Firewall Exception Requests tasks from project plan to provide to K. Chander (PG&E) to show the need for another dedicated network/Load Balancer resource.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/09/20	MS Teams conversation with S. Rai (PG&E) regarding reasons moving up Touchbase meeting will help the project.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/09/20	MS Teams conversation with M. Carter (PG&E) regarding DNS not resolving.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/09/20	Performed the additional testing for Application 2 application for Application 6 issues, concurrently reported to S. Modupalli (PG&E)	0.4	\$ 260.00	\$ 104.00
Rama Bhaskara	01/09/20	Meeting with A. Ramakrishnan (PG&E) regarding a few Data Center clarifications for Application 8 Preview setup in Production.	0.3	\$ 260.00	\$ 78.00
Rohit Nagdeo	01/09/20	Email to G. Riar (PG&E) to check the status of application 7 code change task.	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/09/20	Email R. Nagdeo (KPMG) with items to discuss and meet up regarding PingFederate upgrade customization document that A.Chauhan (PG&E) was using to upgrade in DEV.	0.1	\$ 260.00	\$ 26.00
Rohit Nagdeo	01/10/20	Working session to troubleshoot the Application 12 login issues with M. Pulavarthi, L. Milum, A.Fedorova (PG&E).	3.9	\$ 260.00	\$ 1,014.00
Matthew Rice	01/10/20	Updated "Custom Work Required After Ping Upgrade" document, incorporated R. Nagdeo's (KPMG) section around custom Application 6 error codes work, addressed all of A.Chauhan (PG&E) updates to this point, updated on SharePoint, concurrently notified A.Chauhan (PG&E) that the document was ready to be reverted.	3.1	\$ 260.00	\$ 806.00
Rama Bhaskara	01/10/20	Updated Application 25 Deployment guide Post Deployment Review, concurrently developing the test case required to be performed for QA environment.	1.4	\$ 260.00	\$ 364.00
Matthew Rice	01/10/20	MS Project updates with defects and status that has come in over the past few days, concurrently worked on updating several items with recently start/stop times.	1.4	\$ 260.00	\$ 364.00
Rohit Nagdeo	01/10/20	Joined meeting with K. Chander, M. Pulavarthi, L. Milum, A. Fedorova, N. Gupta, J. Altuna to resolve the Application 12 web server issue.	1.4	\$ 260.00	\$ 364.00
Rama Bhaskara	01/10/20	Meeting with R. Nagdeo, M. Rice, R. Villegas (KPMG) regarding current status, next steps, as of 01/10/20, to ensure alignment with client priorities based on daily communications regarding same.	1.2	\$ 260.00	\$ 312.00
Matthew Rice	01/10/20	Meeting with R. Nagdeo, R. Bhaskara, R. Villegas (KPMG) regarding current status, next steps, as of 01/10/20, to ensure alignment with client priorities based on daily communications regarding same.	1.2	\$ 260.00	\$ 312.00

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Name	Date	Description	Hours	Rate	Amount
Rob Villegas	01/10/20	Meeting with R. Nagdeo, M. Rice and R. Bhaskara (KPMG) regarding current status, next steps, as of 01/10/20, to ensure alignment with client priorities based on daily communications regarding same.	1.2	\$ 260.00	\$ 312.00
Rohit Nagdeo	01/10/20	Meeting with R. Bhaskara, M. Rice, R. Villegas (KPMG) regarding current status, next steps, as of 01/10/20, to ensure alignment with client priorities based on daily communications regarding same.	1.2	\$ 260.00	\$ 312.00
Rama Bhaskara	01/10/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), M. Rice (KPMG) regarding status, as of 1/10/20, of developers action items and discussed blockers.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/10/20	Collaborative call to discuss Application 6 code changes to support missing attribute, Rule testing use cases, Application 12 user login issue for external with A. Nadipally, S. Hu, K. Chander, R. Jeyarajan, M. Pulivarthi, B. Thomas, S. Lam, (PG&E), M. Rice (KPMG)	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/10/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), R. Bhaskara (KPMG) regarding status, as of 1/10/20, of developers action items and discussed blockers.	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/10/20	Collaborative call to discuss Application 6 code changes to support missing attribute, Rule testing use cases, Application 12 user that failed to login for external with A. Nadipally, S. Hu, K. Chander, R. Jeyarajan, M. Pulivarthi, B. Thomas, S. Lam, (PG&E), R. Bhaskara.	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/10/20	Attended the 1/10 PING project meeting hosted by K. Chander (PG&E).	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/10/20	0.8 Attend 1/10 Status Meeting (Led by Kailash Chandra(PG&E)): M. Pulivarathi, S. Lam, B. Thomas, S. Modupalli, Raj Jeyarajan, Arden David, Abhishek Chauhan (PG&E),	0.8	\$ 260.00	\$ 208.00
Rama Bhaskara	01/10/20	Meeting with S. Lam (PG&E) to perform the review of Application 8 Preview Load Balancer Host Setup Intake form review for Production.	0.6	\$ 260.00	\$ 156.00
Matthew Rice	01/10/20	0.5 PG&E 1/10 status review before K. Chander (PG&E) sends off to management. Attendees: D. Wong, A. Nadipally, K. Chander, M. Pulivarthi, S. Modupalli, (PG&E), M. Rice, R. Bhaskara, R. Nagdeo (KPMG)	0.5	\$ 260.00	\$ 130.00
Rob Villegas	01/10/20	Update and send Project Status Report to K. Chander (PG&E).	0.5	\$ 260.00	\$ 130.00
Rohit Nagdeo	01/10/20	Follow-up with M. Rice (KPMG) to discuss the manual steps required after the PING infrastructure upgrade.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/10/20	Email to S. Lam, L. Milum, R. Muttavarapu, K. Chander (PG&E) asking if the directory group was the only group created for allowing/granting access to Server directly	0.1	\$ 260.00	\$ 26.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	01/10/20	Email reply to J. Altuna (PG&E) regarding email chain sent earlier regarding the AD group created for 'allowing/granting' direct access to Web Server boxes.	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/10/20	Email reply to T. Yu, S. Lam, K. Chander (PG&E) clarifying the request that S. Lam (PG&E) made earlier in regards to if any test suites/data was constructed for development of the rule.	0.1	\$ 260.00	\$ 26.00
Rohit Nagdeo	01/13/20	Created sanity testing of all the 12 application assigned to check if its working fine after the Ping IAM solution upgrade.	3.5	\$ 260.00	\$ 910.00
Matthew Rice	01/13/20	Created testing around [App 5] protected resources for defect logged, Support Application 24 issues in QA for offshore person not being able to access the application in IE vs Chrome.	2.2	\$ 260.00	\$ 572.00
Matthew Rice	01/13/20	.6 Meeting with K. Chander to go over Application 6, MonitorExternal timelines. .5 Updated [App 5] and [App 2] with rough templated tasks. .5 Added some updates regarding [App 1] open items;	2.1	\$ 260.00	\$ 546.00
Rohit Nagdeo	01/13/20	Meeting with K. Chander to review Application 7 issues that are creating hurdles to move it to higher environments.	1.6	\$ 260.00	\$ 416.00
Rama Bhaskara	01/13/20	Support Meeting with A. Saka, C. Wong, D. Wong, P. Picou Jr., S. Lam, M. Carter, K. Chander (PG&E), M. Rice (KPMG) to consolidate Load Balancer VIPs with PG&E, concurrently outlined CRQs, time tables for deployment/changes to Load Balancer in QA and PROD.	1.2	\$ 260.00	\$ 312.00
Matthew Rice	01/13/20	Support Meeting with A. Saka, C. Wong, D. Wong, P. Picou Jr., S. Lam, M. Carter, K. Chander (PG&E), R. Bhaskara (KPMG) to consolidate Load Balancer VIPs with PG&E, concurrently outlined CRQs, time tables for deployment/changes to Load Balancer in QA and PROD.	1.2	\$ 260.00	\$ 312.00
Rama Bhaskara	01/13/20	Performed additional testing for Application 25 (1.0) and Application 13 (1.1) that went into QA environment in previous week.	2.1	\$ 260.00	\$ 546.00
Rama Bhaskara	01/13/20	Performed testing for Application 8 Preview use case in QA environment, concurrently troubleshoot server error discussed with J. Altuna (PG&E) over Microsoft Teams session.	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/13/20	Meeting with K. Chander, G. Riar (PG&E) to discuss the technical stakeholders of Application 12.	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/13/20	Created support ticket with Ping Support, concurrently sent email to S. Mineo, L. Merola, B. Cathey, M. Gaeta (Ping), R. Villegas, R. Nagdeo, R. Bhaskara (KPMG) requesting assistance getting the ticket into the proper hands.	0.9	\$ 260.00	\$ 234.00

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Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	01/13/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), M. Rice (KPMG) regarding the status, as of 01/13/20, of developers action items and also discussed blockers.	0.7	\$ 260.00	\$ 182.00
Rama Bhaskara	01/13/20	Meeting with A. Nadipally and S. Mallick (PG&E) for clarifications on Application 1 Proxy for search API failures.	0.7	\$ 260.00	\$ 182.00
Rama Bhaskara	01/13/20	Meeting with B. Thomas (PG&E) for conversation over Application 30 /Application 25 migration pending tasks from application perspective for figuring out Deployment Schedule.	0.7	\$ 260.00	\$ 182.00
Matthew Rice	01/13/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), R. Bhaskara (KPMG) regarding the status, as of 01/13/20, of developers action items and also discussed blockers.	0.7	\$ 260.00	\$ 182.00
Rohit Nagdeo	01/13/20	Attended technical status & working session with PG&E led by K. Chander, J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas, B. Deutsch, A. Nadipally, R. Muttavarapu (Sudha), S. Modupalli, N. Sharma, K. Chander (PG&E), M. Rice, R. Nagdeo, R. Bhaskara (KPMG).	0.7	\$ 260.00	\$ 182.00
Rama Bhaskara	01/13/20	Analyzed Application 3 Intra Defect 1052 in QA environment, concurrently drafting email to M. Pulivarthi (PG&E) for UI clarifications.	0.6	\$ 260.00	\$ 156.00
Rob Villegas	01/13/20	Technical status, as of 01/13/20, session with L. Milum, M. Pulivarthi, R. Jeyarajan, B. Thomas, A. Nadipally, J. Altuna, S. Lam, K. Chander (PG&E).	0.6	\$ 260.00	\$ 156.00
Matthew Rice	01/13/20	Email reply to S. Lam, M. Carter (PG&E) and R. Nagdeo (KPMG) regarding PG&E outlook email, concurrently gave additional details outlining a MS Teams conversation that I and M. Carter had last week. I've seen issues where the [App 12] internal DNS entry reports back NXDOMAIN which signals a misconfiguration.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/13/20	Reviewed possible violation for PingFed Authentication sources/adapters, concurrently emailed L. Milum, A. Chauhan (PG&E), R. Villegas, R. Nagdeo, R. Bhaskara regarding the findings.	0.5	\$ 260.00	\$ 130.00
Rohit Nagdeo	01/13/20	Updated the PingFed/Ping Access policy object related to Application 12 that were not needed but were created to try to troubleshoot the issues.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/13/20	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 01/13/20, to ensure alignment with client priorities based on daily communications regarding same.	0.4	\$ 260.00	\$ 104.00
Matthew Rice	01/13/20	Meeting with R. Villegas, R. Bhaskara, R. Nagdeo(KPMG) regarding current status, next steps, as of 01/13/20, to ensure alignment with client priorities based on daily communications regarding same.	0.4	\$ 260.00	\$ 104.00

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Name	Date	Description	Hours	Rate	Amount
Rob Villegas	01/13/20	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 01/13/20, to ensure alignment with client priorities based on daily communications regarding same.	0.4	\$ 260.00	\$ 104.00
Rohit Nagdeo	01/13/20	Meeting with R. Villegas, R. Bhaskara, M. Rice (KPMG) regarding current status, next steps, as of 01/13/20, to ensure alignment with client priorities based on daily communications regarding same.	0.4	\$ 260.00	\$ 104.00
Rama Bhaskara	01/13/20	Meeting with A. Ramakrishnan (PG&E) for Data Center clarifications for Application 8 Preview setup in Production.	0.3	\$ 260.00	\$ 78.00
Rama Bhaskara	01/13/20	Emailed status update, as of 1/13/20, to T. Doucet (PG&E) for current open items for Application 8 in QA.	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/13/20	Discussion with R. Villegas, R. Nagdeo (KPMG) regarding [App 17] signoffs, project items that were discussed in Technical call.	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/13/20	0.3 Support working session with M. Pulivarthi regarding PINGAccess logout use case for [App 1].	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/13/20	Email outlining details to S. Hu (PG&E) to preform support new PingAccess logout functionality for [App 1].	0.3	\$ 260.00	\$ 78.00
Rob Villegas	01/13/20	Discussion with R. Bhaskara, R. Nagdeo (KPMG) regarding [App 17] signoffs, project items that were discussed in Technical call.	0.3	\$ 260.00	\$ 78.00
Rohit Nagdeo	01/13/20	Discussion with R. Villegas, R. Bhaskara (KPMG) regarding [App 17] signoffs, project items that were discussed in Technical call.	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/13/20	Email to T. Yu, S. Lam, K. Chander (PG&E) requesting spreadsheet for bad characters that was used for initial testing.	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/13/20	Email to A. Nadipally, K. Chander, M. Pulivarthi, S. Hunt, R. Jeyarajan (PG&E) to provide status of testing in QA for defect 834.	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/13/20	Email to K. Chander requesting assistance to get answers with regards to email chain that is a week old. Email is in regards to [App 1] defects 1014, 1015. Email recipients were: K. Chander (PG&E), R. Villegas (KPMG).	0.1	\$ 260.00	\$ 26.00
Rohit Nagdeo	01/14/20	Analyzed the Ping infrastructure in Test environment as the servers were down.	2.5	\$ 260.00	\$ 650.00
Matthew Rice	01/14/20	Updated MS Project including tasks completed from application/development team members as well as KPMG members	2.3	\$ 260.00	\$ 598.00
Rama Bhaskara	01/14/20	Performed post upgrade validation testing for PingAccess Upgrade in TEST environment, concurrently provided updates to A. Chauhan and L. Milum (PG&E) via email.	1.5	\$ 260.00	\$ 390.00
Matthew Rice	01/14/20	Meeting with K. Chander, S. Lam, M. Carter (PG&E), R. Nagdeo (KPMG) regarding [App 12] debugging issues around NXDOMAIN.	1.5	\$ 260.00	\$ 390.00

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Rohit Nagdeo	01/14/20	Meeting with K. Chander, S. Lam, M. Carter (PG&E), M. Rice (KPMG) regarding [App 12] debugging issues around NXDOMAIN.	1.5	\$ 260.00	\$ 390.00
Rohit Nagdeo	01/14/20	Continued, as of 1/14, troubleshooting the Application 24 issues that occurred during the performance testing.	1.4	\$ 260.00	\$ 364.00
Rama Bhaskara	01/14/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), M. Rice (KPMG) regarding status, as of 01/14/20, of developers action items and also discussed blockers.	1.2	\$ 260.00	\$ 312.00
Rama Bhaskara	01/14/20	Performed testing/analysis for Application 3 intra application in DEV for fixes for NonAuthorization page issues in PingAccess server.	1.2	\$ 260.00	\$ 312.00
Rohit Nagdeo	01/14/20	Technical status, as of 01/14/20, session with L. Milum, M. Pulivarthi, R. Jeyarajan, B. Thomas, A. Nadipally, J. Altuna, S. Lam, K. Chander (PG&E), R. Villegas (KPMG) to review the status of developer action items in the MS Project Plan.	1.2	\$ 260.00	\$ 312.00
Rama Bhaskara	01/14/20	Performed the additional testing/analysis for Preview Application 8 concerns from Business, concurrently updating T. Doucet, A. Ramakrishnan(PG&E) via email.	1.0	\$ 260.00	\$ 260.00
Rob Villegas	01/14/20	Technical status, as of 01/14/20, session with L. Milum, M. Pulivarthi, R. Jeyarajan, B. Thomas, A. Nadipally, J. Altuna, S. Lam, K. Chander (PG&E), R. Nagdeo (KPMG) to review the status of developer action items in the MS Project Plan. (Partial attendance)	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/14/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), M. Rice, R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) regarding status, as of 01/14/20, of developers action items and also discussed blockers. (partial attendance)	0.8	\$ 260.00	\$ 208.00
Rama Bhaskara	01/14/20	Performed Application 30 SAML Links retest in QA environment, concurrently sync up with B. Thomas (PG&E) in Microsoft Teams.	0.7	\$ 260.00	\$ 182.00
Matthew Rice	01/14/20	Compiled data, concurrently responded to Ping support ticket.	0.6	\$ 260.00	\$ 156.00
Matthew Rice	01/14/20	Reviewed/updated the PingFederate upgrade changes. Email to A. Chauhan, L. Milum (PG&E), R. Villegas, R. Bhaskara, R. Nagdeo (KPMG) providing details/areas of PingFederate that were missed during upgrade in DEV.	0.6	\$ 260.00	\$ 156.00
Matthew Rice	01/14/20	Collaborative session with G. Nagothu, S. Pattadar, P. Yandapalli, S. Perumal (PG&E), R. Nagdeo (KPMG) to resolve issues, as of 01/14/20, with IE login yielding FORBIDDEN error.	0.6	\$ 260.00	\$ 156.00
Rohit Nagdeo	01/14/20	Collaborative session with G. Nagothu, S. Pattadar, P. Yandapalli, S. Perumal (PG&E), M. Rice (KPMG) to resolve issues, as of 01/14/20, with IE login yielding FORBIDDEN error.	0.6	\$ 260.00	\$ 156.00

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Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	01/14/20	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 01/14/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/14/20	Application 1 deployment follow-up with M. Rice (KPMG) regarding Application 1 Deployment dependency items for CSR applications.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/14/20	Application 17 Deployment Plan Review had Microsoft Teams conversations for Load Balancer to Mobile Load Balancer consolidations.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/14/20	Application 1 Checkpoint Call led by Chander Kailash(PG&E), Pulivarathi Murali, Batchu Surendra, Nadipally Anusha (PG&E), R. Bhaskara, Rice Matthew (KPMG).;	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/14/20	Meeting with R. Villegas, R. Nagdeo, R. Bhaskara (KPMG) regarding current status, next steps, as of 01/14/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/14/20	Multiple emails to B. Deutsch, S. Hu, K. Chander, L. Milum, M. Pulivarathi (PG&E) regarding responses to questions that B. Deutsch rose with regards to ape gateway request via email/MS teams on 1/13/20 to S.Hu.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/14/20	Meeting with M. Pulivarathi, K. Chander, A. Nadipally, S.Mallick, S.Batchu (PG&E), R. Bhaskara (KPMG) to discuss migration of [App 1] to QA, concurrently discussed dependencies / UAT testing of other apps: [App 3], [App 4].	0.5	\$ 260.00	\$ 130.00
Rob Villegas	01/14/20	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 01/14/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/14/20	0.4 Working session - Application 7 testing: S. Lam (PG&E), M. Rice (KPMG), R. Nagdeo(KPMG), (partial attendance)	0.4	\$ 260.00	\$ 104.00
Matthew Rice	01/14/20	Draft email with S. Lam, M. Carter, K. Chander (PG&E), R. Nagdeo, R. Villages, R. Bhaskara (KPMG) regarding details found during [App 12] working session with PG&E, concurrently outlined all the findings and recommended solution to PG&E.	0.4	\$ 260.00	\$ 104.00
Rohit Nagdeo	01/14/20	Meeting with R. Villegas, R. Bhaskara, M. Rice (KPMG) regarding current status, next steps, as of 01/14/20, to ensure alignment with client priorities based on daily communications regarding same. (Partial attendance)	0.4	\$ 260.00	\$ 104.00
Rohit Nagdeo	01/14/20	Working session with R. Bhaskara (KPMG) on application 7.	0.4	\$ 260.00	\$ 104.00
Matthew Rice	01/14/20	Email details/findings of the working session with Application 24 team around IE login issues to G. Nagothu, S. Pattadar, P. Yandapalli, A. Sharma, K. Chander (PG&E), R. Nagdeo (KPMG).	0.1	\$ 260.00	\$ 26.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	01/14/20	MS Teams conversation with M. Pulivarthi (PG&E) regarding availability to discuss Ping migration with AWS.	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/14/20	MS Teams conversation with M. Pulivarthi (PG&E) regarding fix for Application 6, concurrently drawing issues for IE.	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/14/20	MS Teams chat with B. Thomas (PG&E) around status regarding [App 5] standby environment on SiteMinder in backup data center.	0.1	\$ 260.00	\$ 26.00
Rohit Nagdeo	01/15/20	Updated configuration changes to the application 24 to support the Performance testing.	3.0	\$ 260.00	\$ 780.00
Matthew Rice	01/15/20	Meeting with S. Lam, K. Chander (PG&E), R. Bhaskara, R. Nagdeo (KPMG) to troubleshoot Application 12 Rule external application URL was being redirected properly but internal application URL was not.	1.6	\$ 260.00	\$ 416.00
Rohit Nagdeo	01/15/20	Meeting with S. Lam, K. Chander (PG&E), R. Bhaskara, M. Rice (KPMG) to troubleshoot Application 12 rule external application URL was being redirected properly but internal application URL was not.	1.6	\$ 260.00	\$ 416.00
Rama Bhaskara	01/15/20	Performed the Peer Review for Application 9 Deployment Guide, provided review comments, uploaded to SharePoint, concurrently sent an email to R. Nagdeo(KPMG).	1.5	\$ 260.00	\$ 390.00
Rama Bhaskara	01/15/20	Updated fixes for defect 1052 fixes, moving the fix to DEV / TEST environment, concurrently had few email conversations with M. Pulivarathi (PG&E) & A. Nadipally(PG&E).	1.5	\$ 260.00	\$ 390.00
Matthew Rice	01/15/20	Support call with A. Saka, M. Pulivarthi (PG&E) regarding AWS integration with Ping, specifically around OnPrem integration with AWS.	1.5	\$ 260.00	\$ 390.00
Rama Bhaskara	01/15/20	WebEx call with B. Thomas (PG&E) to perform a debug session on the Application 25 Notification issues.	1.2	\$ 260.00	\$ 312.00
Matthew Rice	01/15/20	Meeting with M. Pulivarthi, R. Jeyarajan, B. Thomas, M. Carter, S. Lam, K. Chander (PG&E) to discuss steps for deployment, prerequisites, assign tasks for Deployment to PROD.	1.1	\$ 260.00	\$ 286.00
Rama Bhaskara	01/15/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), M. Rice KPMG) regarding status, as of 01/15/20, of developers action items and discussed blockers.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/15/20	Performed Impersonation validation after PINGAccess upgrade in TEST environment.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/15/20	Reviewed directory user accounts, concurrently opened work order for CDA Operations profile access to Application 3 login in QA environment.	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/15/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), R. Bhaskara (KPMG) regarding status, as of 01/15/20, of developers action items and discussed blockers.	1.0	\$ 260.00	\$ 260.00

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Rohit Nagdeo	01/15/20	Technical status, as of 01/15/20, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas, B. Deutsch, A. Nadipally, R. Muttavarapu (Sudha), S. Modupalli, N. Sharma, K. Chander (PG&E) to review the status of developers action items in the MS Project Plan.	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/15/20	Updated the ping access upgrade document requested by A. Chouhan(PG&E).	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/15/20	Conference call with K. Chander (PG&E) to share the progress, as of 01/15/20, on the application migrations work.	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/15/20	Collaborative session with M. Pulivarthi, S. Hu (PG&E) to troubleshoot new logout API for Application 1 enrollment use case.	0.8	\$ 260.00	\$ 208.00
Matthew Rice	01/15/20	Meeting with K. Chander, S. Modupalli, R. Jeyarajan, M. Pulivarthi (PG&E) regarding Support Application 6 Application migration to PROD planning.	0.7	\$ 260.00	\$ 182.00
Rama Bhaskara	01/15/20	Meeting with R. Villegas, M. Rice, R. Nagdeo (KPMG) regarding current status, next steps, as of 01/15/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/15/20	Meeting with R. Villegas, R. Bhaskara, R. Nagdeo (KPMG) regarding current status, next steps, as of 01/15/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rob Villegas	01/15/20	Meeting with R. Bhaskara, M. Rice, R. Nagdeo (KPMG) regarding current status, next steps, as of 01/15/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rohit Nagdeo	01/15/20	Meeting with R. Villegas, R. Bhaskara, M. Rice (KPMG) regarding current status, next steps, as of 01/15/20, to ensure alignment with client priorities based on daily communications regarding same. (Partial attendance)	0.4	\$ 260.00	\$ 104.00
Rama Bhaskara	01/15/20	Meeting with S. Lam, K. Chander (PG&E), M. Rice, R. Nagdeo (KPMG) to troubleshoot Application 12 external application URL was being redirected properly but internal application URL was not. (Partial attendance)	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/15/20	Email to K. Chander, S. Hunt, L. Milum (PG&E), R. Bhaskara, R. Villegas (KPMG) outlining items that need to be completed, persons of interest for Application 17 deployment to PROD.	0.2	\$ 260.00	\$ 52.00
Matthew Rice	01/15/20	reconciling entry--need details	0.2	\$ 260.00	\$ 52.00
Matthew Rice	01/15/20	Update Ping support ticket #00682821 with available times to setup demonstration call with Ping support representative.	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/15/20	Email reply to G. Nagothu, S. Pattadar, P. Yandapalli, S. Perumal, A. Sharma, K. Chander (PG&E), R. Nagdeo (KPMG) after reinstallation of IE with PG&E's TSC fixed login issues in QA environment.	0.1	\$ 260.00	\$ 26.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	01/15/20	Updated Ping support ticket with additional availability to demonstrate issue.	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/15/20	Email reply to B. Cathey (Ping) informing him that the support ticket was updated with the appropriate information.	0.1	\$ 260.00	\$ 26.00
Rohit Nagdeo	01/16/20	Perform Application 9 PING Platform testing	2.0	\$ 260.00	\$ 520.00
Rohit Nagdeo	01/16/20	Meeting with A. Fedorova, L. Milum, K. Chander regarding Application 12 ping platform testing.	1.8	\$ 260.00	\$ 468.00
Rama Bhaskara	01/16/20	Performed testing for PingAccess Upgrade, concurrently validated PA Cookie use case for Application 5, Impersonation use cases in Dev environment.	1.5	\$ 260.00	\$ 390.00
Matthew Rice	01/16/20	1.3 Continue, as of 1/16, MS Project plan updates; specifically updating dates / times to be relevant dates in 2020 as opposed to former years of 2018 and 2019. Assigned tasks to members of the team;	1.3	\$ 260.00	\$ 338.00
Rohit Nagdeo	01/16/20	Collaborative session with K. Chander and G. Riar (PG&E) to resolve the Application 7 errors.	1.1	\$ 260.00	\$ 286.00
Rama Bhaskara	01/16/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), M. Rice (KPMG) regarding status, as of 01/16/20, of developers action items and also discussed blockers.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/16/20	Call with K. Chandra, J. Lyn, M. Pulivarathi (PG&E) regarding Application 3 / DMD migration checkpoint, as of 01/16/20.	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/16/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), R. Bhaskara (KPMG) regarding status, as of 01/16/20, of developers action items and also discussed blockers.	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/16/20	MS Project work with K. Chander (PG&E) to update project timelines to bring up to current dates and times.	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/16/20	Call with K. Chander, J. Lin, M. Pulivarthi, A. Nadipally, (PG&E), R. Bhaskara (KPMG) regarding [App 3] & [App 4] migration to QA.	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/16/20	Technical status, as of 01/16/20, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas, B. Deutsch, A. Nadipally, R. Muttavarapu (Sudha), S. Modupalli, N. Sharma, K. Chander (PG&E) to review the status of developers action items in the MS Project Plan.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/16/20	Discussion with M. Rice, R. Nagdeo (KPMG) regarding Application 17 PROD deployment, the requirements for CAB approvals for other nonApplication 17apps, concurrently completed prototyping for filter in PingAccess.	0.8	\$ 260.00	\$ 208.00
Rama Bhaskara	01/16/20	Draft email to T. Doucet(PG&E) regarding Application 8 business approvals for DNS changes scheduled for Jan 21st.	0.8	\$ 260.00	\$ 208.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	01/16/20	Discussion with R. Nagdeo, R. Bhaskara (KPMG) regarding Application 17 PROD deployment, the requirements for CAB approvals for other nonApplication 17apps, concurrently completed prototyping filter in PingAccess.	0.8	\$ 260.00	\$ 208.00
Matthew Rice	01/16/20	Meeting with A. Fedorova, A. Prakash, R. Jeganatan, K. Chander (PG&E) regarding [App 12] infrastructure changes to remove/ servers /proxy plugins.	0.8	\$ 260.00	\$ 208.00
Rohit Nagdeo	01/16/20	Discussion with M. Rice, R. Bhaskara (KPMG) regarding Application 17 PROD deployment, the requirements for CAB approvals for other nonApplication 17apps, concurrently completed prototyping for filter in PingAccess.	0.8	\$ 260.00	\$ 208.00
Rohit Nagdeo	01/16/20	Meeting with A. Fedorova, N. Gupta, K. Chander regarding Application 12 to bypass the server from the application flow .	0.8	\$ 260.00	\$ 208.00
Matthew Rice	01/16/20	0.6 Demonstrate issue to PING support for ticket #00682821;	0.6	\$ 260.00	\$ 156.00
Rama Bhaskara	01/16/20	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 01/16/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/16/20	Meeting with A. Nadipally, S. Mallick, S. Batchu (PG&E) to review Application 1 Proxy test results.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/16/20	Collaborative session with A. Nadipally, A. Ramakrishnan(PG&E) for discussion around test data issues between TEST vs QA.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/16/20	Meeting with J. Altuna and B. Thomas (PG&E) to verify Application 14 webserver impacts	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/16/20	Meeting with R. Bhaskara, R. Villegas, R. Nagdeo (KPMG) regarding current status, next steps, as of 01/16/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/16/20	Meeting with D. Wong, K. Chander, R. Jeyarajan (PG&E) regarding [App 6] PROD DNS resolution.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/16/20	Meeting with J. Lin, S. Batchu, M. Pulivarthi, K. Chander, A. Nadipally (PG&E) regarding PROD migration for [App 1], [App 3], [App 4], answers were provided around process, downtimes, when migration and testing could occur with the business owner of [App 3] and [App 4].	0.5	\$ 260.00	\$ 130.00
Rob Villegas	01/16/20	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 01/16/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rohit Nagdeo	01/16/20	Meeting with R. Bhaskara, R. Villegas, M. Rice (KPMG) regarding current status, next steps, as of 01/16/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00

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Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	01/16/20	Performed Load BalancerExt PingAccess Agent installation verification for Preview Application 8 Load Balancer host in a WebEx screenshare session with S. Lam (PG&E).	0.4	\$ 260.00	\$ 104.00
Matthew Rice	01/16/20	Email to D. Wong, K. Chander, A. Saka, C. Wong, P. Picou Jr., S. Lam, R. Jeyarajan, M. Pulivarthi (PG&E), R. Bhaskara (KPMG) regarding network domain name resolution (DNS) for the main PG&E domain.	0.2	\$ 260.00	\$ 52.00
Matthew Rice	01/16/20	MS Teams chat with M. Pulivarthi, S.Hu (PG&E) regarding new logout functionality on API Gateway.	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/16/20	MS Teams chat with A. Chauhan (PG&E) to request the validation of PingFed changes from spreadsheets that were created for performance / stability reasons made it into the upgrade baseline.	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/16/20	Email to J. Lin, K. Chander, S. Hunt (PG&E), R. Villegas (KPMG) requesting some details around the interoperability, possible SSO of [App 3], App 24. J. Lin had mentioned the [App 28] app on the call and it triggered M. Rice (KPMG) to email asking for details for follow up call in the future. This is to ensure nothing is missed during this large migration to externally facing clients.	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/16/20	Email to J. Lin, K. Chander, S. Hunt, M. Pulivarthi, R. Jeyarajan, T. Sathyanarayana (PG&E), R. Villegas (KPMG) to clarify/ask some follow up questions to the email sent earlier.	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/16/20	Email reply to S. Hu, S. Batchu, M. Pulivarthi, B. Deutsch, L. Milum, K. Chander (PG&E) to verify if any testing had been completed after work on API Gateway was completed. This work is in regards to [App 1] logout.	0.1	\$ 260.00	\$ 26.00
Rohit Nagdeo	01/17/20	Prepared the Architecture diagram for application 12 proposed architecture change to bypass the web server from the application flow.	3.0	\$ 260.00	\$ 780.00
Rama Bhaskara	01/17/20	Performed the analysis for Application 3 login issues, concurrently drafting email with technical details for Application 3 Login page changes to Application 3 business contact / other PG&E contacts.	2.0	\$ 260.00	\$ 520.00
Rohit Nagdeo	01/17/20	Meeting with K. Chander, S. Modupalli, S. Lam (PG&E) regarding Application 9 release plan.	1.2	\$ 260.00	\$ 312.00
Rama Bhaskara	01/17/20	Meeting with A. Nadipally, J. Altuna, K. Chander, A. Saka L. Milum, M. Pulivarthi, S. Hu, S. Modupalli, S. Lam (PG&E), M. Rice (KPMG) regarding status, as of 01/17/20, of developers action items and discussed blockers.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/17/20	Collaborative session with A. Ramakrishnan (PG&E) to review Application 8 Test Results.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/17/20	Performed testing over defect fixes moved to TEST environment	1.0	\$ 260.00	\$ 260.00

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Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	01/17/20	1.0 Application 8 CRQ Info review with S. Lam, K. Chander (PG&E)	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/17/20	Meeting with A. Nadipally, J. Altuna, K. Chander, A. Saka L. Milum, M. Pulivarthi, S. Hu, S. Modupalli, S. Lam (PG&E), R. Bhaskara (KPMG) regarding status, as of 01/17/20, of developers action items and discussed blockers.	1.0	\$ 260.00	\$ 260.00
Rob Villegas	01/17/20	Technical status, as of 01/17/20, session L. Milum, M. Pulivarthi, R. Jeyarajan, B. Thomas, A. Nadipally, J. Altuna, S. Lam, K. Chander (PG&E) to review the status of developers action items in the MS Project Plan.	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/17/20	Meeting with A. Naduappli, A. Sharma (PG&E) regarding Application 24 platform testing .	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/17/20	Meeting with N. Gupta, A. Fedorova, A. Nadipally (PG&E) regarding Application 12 Platform testing.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/17/20	0.8 Application 17 Stakeholders call led by K. Chander (PG&E) with Chander Kailash, Tang Stewart, S. Lam (PG&E)	0.8	\$ 260.00	\$ 208.00
Matthew Rice	01/17/20	Meeting with S. Tang, T. Yuen, K. Chander, S. Lam, J. Altuna, B. Thomas, M. Carter, C. Kalakota (PG&E), R. Nagdeo, R. Bhaskara (KPMG) to discuss migration of individual apps [App 17], [App 14], [App 7] on shared Virtual Host.	0.8	\$ 260.00	\$ 208.00
Rohit Nagdeo	01/17/20	Application 17 Stakeholder call with S.Tang, C. Kalakota, K. Chander (PG&E), M. Rice, R. Bhaskara, R. Nagdeo (KPMG)	0.8	\$ 260.00	\$ 208.00
Matthew Rice	01/17/20	Collaborative session with J. Altuna (PG&E) to determine the landscape of web servers for [App 14].	0.6	\$ 260.00	\$ 156.00
Rama Bhaskara	01/17/20	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 01/17/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/17/20	Communicate via email with J. Altuna (PG&E) for Application 8 Preview site for Production setup checkpoint.;	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/17/20	Meeting with R. Bhaskara, R. Villegas, R. Nagdeo (KPMG) regarding current status, next steps, as of 01/17/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/17/20	0.5 PG&E weekly status review led by K. Chander (PG&E). Attendees: D. Wong, A. Nadipally, K. Chander, M. Pulivarthi, S. Modupalli, (PG&E), M. Rice, R. Nagdeo (KPMG)	0.5	\$ 260.00	\$ 130.00
Rob Villegas	01/17/20	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 01/17/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rob Villegas	01/17/20	Updated, concurrently emailed project status, as of 01/17/20, report to K. Chander (PG&E).	0.5	\$ 260.00	\$ 130.00

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Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	01/17/20	Meeting with R. Bhaskara, R. Villegas, M. Rice (KPMG) regarding current status, next steps, as of 01/17/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rohit Nagdeo	01/17/20	Attended the 1/17 status meeting hosted by K. Chander (PG&E) for application stakeholders K. Chander, S. tang, A. Saka (PG&E), M. Rice, R. Bhaskara, S. Tang, A. Saka.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/17/20	Collaborative session with M. Rice (KPMG) to review PingFederate performance tuning guide.	0.4	\$ 260.00	\$ 104.00
Matthew Rice	01/17/20	Collaborative session with R. Bhaskara (KPMG) to review PingFederate performance tuning guide.	0.4	\$ 260.00	\$ 104.00
Rama Bhaskara	01/17/20	0.3 Application 30 call with K. Chander & B. Thomas and A. Nadipally(PG&E) and R. Bhaskara (KPMG).;	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/17/20	0.3 Touchbase call with KPMG Partner M. Gomez to discuss progress of the project.	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/17/20	MS Teams conversation with S. Batchu (PG&E) regarding issues around [App 2].	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/17/20	Draft email for J. Altuna (PG&E) to review, concurrently provide feedback regarding summarizing work done to determine web server landscape for [App 14].	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/17/20	Email reply to A. Fedorova, K. Chander, S. Lam, J. Altuna, J. Jacob, D. Wong, S. Hunt, W. Temple, A. Prakash (PG&E), R. Nagdeo, M. Rice (KPMG) regarding [App 12] documentation was provided regarding old performance testing as well as architecture.	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/20/20	Audit PG&E's lower level environments (DEV, TEST, QA) for PingFederate performance tuning parameters.	3.5	\$ 260.00	\$ 910.00
Rohit Nagdeo	01/20/20	Updated the Application 12 from the peer review done by R. Bhaskara (KPMG).	2.7	\$ 260.00	\$ 702.00
Rama Bhaskara	01/20/20	Updated the Application 9 Application Policy in PINGFederate / PINGAccess, concurrently updated review comments for Application 9 Deployment Guide provided comments to R. Nagdeo(KPMG) via email.	2.5	\$ 260.00	\$ 650.00
Rohit Nagdeo	01/20/20	Collaborative session with S. Radhamany(PG&E) to resolve the application 24 login issue in QA environment.	2.1	\$ 260.00	\$ 546.00
Matthew Rice	01/20/20	Review PingFederate performance tuning guide with R. Nagdeo (KPMG).	2.0	\$ 260.00	\$ 520.00
Rohit Nagdeo	01/20/20	Review PingFederate performance tuning guide with M. Rice (KPMG).	2.0	\$ 260.00	\$ 520.00
Rama Bhaskara	01/20/20	Reviewed Application 8 Intake forms in a WebEx session with L. Sokun (PG&E) for production environment for pending VIP items.	1.5	\$ 260.00	\$ 390.00

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Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	01/20/20	Email conversation with L. Milum (PG&E) and J. Altuna (PG&E) for Disabling Agent for server for PreviewApplication 8 in QA environment. After J. Altuna (PG&E) completed the changes R. Bhaskara performed the preview Application 8 testing, concurrently sent an email to A. Ramakrishanan(PG&E) for technical testing in QA.	1.3	\$ 260.00	\$ 338.00
Rama Bhaskara	01/20/20	Reviewed email with of list of concerns that T. Doucet (PG&E) business lead for Application 8 provided the test results from QA environment.	1.2	\$ 260.00	\$ 312.00
Matthew Rice	01/20/20	Collaborative session with R. Nagdeo (KPMG) to demonstrate security awareness testing around [App 5] protected resources for defect logged, concurrently Support [App 24] issues in QA for offshore person not being able to access the application in IE vs Chrome.	0.7	\$ 260.00	\$ 182.00
Rohit Nagdeo	01/20/20	Reviewed a demonstration of testing findings to M. Rice (KPMG).	0.7	\$ 260.00	\$ 182.00
Matthew Rice	01/20/20	0.6 Continued, as of 1/20, auditing PG&E's lower level environments (DEV, TEST, QA) for PINGFederate performance tuning parameters.	0.6	\$ 260.00	\$ 156.00
Rama Bhaskara	01/20/20	Meeting with R. Villegas, M. Rice, R. Nagdeo (KPMG) regarding current status, next steps, as of 01/20/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/20/20	0.5 PingAccess testing in screen share session	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/20/20	Communication with T. Yuen, C. Kailash (PG&E) for CRQ details for Production deployment scheduled for 02/06.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/20/20	Meeting with R. Villegas, R. Bhaskara, R. Nagdeo (KPMG) regarding current status, next steps, as of 01/20/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/20/20	0.5 Assist R. Bhaskara (KPMG) with installation of security testing tool PG&E Citrix machine;	0.5	\$ 260.00	\$ 130.00
Rob Villegas	01/20/20	Meeting with R. Bhaskara, M. Rice, R. Nagdeo (KPMG) regarding current status, next steps, as of 01/20/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rohit Nagdeo	01/20/20	Meeting with R. Villegas, R. Bhaskara, M. Rice (KPMG) regarding current status, next steps, as of 01/20/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/20/20	0.4 Conversation with K. Shanley regarding some performance tuning parameters and their meaning for the product;	0.4	\$ 260.00	\$ 104.00
Rohit Nagdeo	01/21/20	Troubleshoot the SAML application authentication issue.	2.5	\$ 260.00	\$ 650.00
Rama Bhaskara	01/21/20	Meeting with T. Yuen, K. Chander, S. Lam, R. Muttavarapu(PG&E) regarding the supporting review of Application 17 cutover activities.	1.7	\$ 260.00	\$ 442.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	01/21/20	Meeting with L. Milum, K. Chander, R. Muttavarapu (aka Sudha), M. Carter, J. Altuna (PG&E), R. Bhaskara (KPMG) regarding support of [App 17] migration plan from QA to PROD with PG&E, concurrently itemized what tasks need to be completed and by whom.	1.7	\$ 260.00	\$ 442.00
Rama Bhaskara	01/21/20	Performed testing over PingAccess cookie logout scenario for Application 5 using Burp tool	1.5	\$ 260.00	\$ 390.00
Rohit Nagdeo	01/21/20	Meeting with A. Nadipally and S. Mallik (PG&E) regarding the update of Application 24 ping platform.	1.4	\$ 260.00	\$ 364.00
Rama Bhaskara	01/21/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), M. Rice (KPMG) regarding status, as of 01/21/20, of developers action items and discussed blockers.	1.2	\$ 260.00	\$ 312.00
Matthew Rice	01/21/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), R. Bhaskara (KPMG) regarding status, as of 01/21/20, of developers action items and discussed blockers.	1.2	\$ 260.00	\$ 312.00
Rohit Nagdeo	01/21/20	Attended release planning meeting for Application 26 meeting with K. Chander, M. Carter, L. Milum, S. Lam, S. Modupalli (PG&E).	1.2	\$ 260.00	\$ 312.00
Rohit Nagdeo	01/21/20	Technical status, as of 01/21/20, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas, B. Deutsch, A. Nadipally, R. Muttavarapu (Sudha), S. Modupalli, N. Sharma, K. Chander (PG&E) to review the status of developers action items in the MS Project Plan.	1.2	\$ 260.00	\$ 312.00
Rama Bhaskara	01/21/20	1.0 iRule Changes in-depth understanding meeting led by K. Chander (PG&E) Perry, L. Sokun, K. Chander (PG&E), R. Bhaskara, M. Rice, (KPMG). Perry provided required modifications to the team in a WebEx call.;	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/21/20	Meeting with S. Lam, K. Chander, L. Milum (PG&E) to review Load Balancer Rule changes for load balancer module, concurrently discussed what is needed for [App 17] to move to PROD.	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/21/20	Collaborative session with S. Lam, S. Batchu, M. Pulivarthi, L. Milum (PG&E) regarding Debug for [App 1] login.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/21/20	Created Test account for accessing HPQC systems	0.9	\$ 260.00	\$ 234.00
Rama Bhaskara	01/21/20	Reviewed PingFederate performance tuning parameters with R. Nagdeo, M. Rice (KPMG).	0.8	\$ 260.00	\$ 208.00
Matthew Rice	01/21/20	Reviewed PingFederate performance tuning parameters with R. Bhaskara, R. Nagdeo(KPMG).	0.8	\$ 260.00	\$ 208.00
Matthew Rice	01/21/20	Collaborative session with S. Lam, S. Batchu, M. Pulivarthi, L. Milum (PG&E) regarding Debug [App 1], concurrently 3rd Party SAML application SSO in lower level environments.	0.8	\$ 260.00	\$ 208.00
Rohit Nagdeo	01/21/20	Reviewed PingFederate performance tuning parameters with R. Bhaskara, M. Rice (KPMG).	0.8	\$ 260.00	\$ 208.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	01/21/20	Open Ping Support ticket #00683351, replicated errors in DEV environment, collected PingFederate logs, LDAP logs, uploaded with explanation of issue along with log files.	0.7	\$ 260.00	\$ 182.00
Matthew Rice	01/21/20	Multiple emails and MS Team chats with J. Altuna (PG&E) regarding [App 14] and how and where it is deployed to the various environments (DEV, TEST, QA, PROD).	0.6	\$ 260.00	\$ 156.00
Rama Bhaskara	01/21/20	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 01/21/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/21/20	Meeting with A. Ramakrishnan(PG&E) for CRQ approvals for 1/28 scheduled date.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/21/20	Meeting with R. Villegas, R. Bhaskara, R. Nagdeo (KPMG) regarding current status, next steps, as of 01/21/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rob Villegas	01/21/20	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 01/21/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rohit Nagdeo	01/21/20	Meeting with R. Villegas, R. Bhaskara, M. Rice (KPMG) regarding current status, next steps, as of 01/21/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/21/20	Reviewed PingFederate state servers, attributes associated with them in configuration files.	0.4	\$ 260.00	\$ 104.00
Matthew Rice	01/21/20	MS Teams chat with M. Pulivarthi, S. Batchu (PG&E), R. Nagdeo (KPMG) regarding SAML application / PingFederate authentication selector page being displayed	0.4	\$ 260.00	\$ 104.00
Rohit Nagdeo	01/21/20	MS Teams chat with M. Pulivarthi, S. Batchu (PG&E), M. Rice (KPMG) regarding SAML application / PingFederate authentication selector page being displayed.	0.4	\$ 260.00	\$ 104.00
Matthew Rice	01/21/20	MS Teams chat with S. Lam (PG&E) regarding CRQ creation / deadlines for CAB approval for myportal.PG&E.com changes for [App 17] to PROD deployment.	0.2	\$ 260.00	\$ 52.00
Matthew Rice	01/21/20	Email to K. Chander (PG&E), R. Villegas (KPMG) asking K. Chander for evidence of signoff from security	0.2	\$ 260.00	\$ 52.00
Matthew Rice	01/21/20	MS Teams chat with S. Modupalli (PG&E) regarding [App 7], referred her to R. Nagdeo (KPMG) for further follow-up.	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/21/20	MS Teams chat with S. Hunt, K. Chander (PG&E),R. Villegas (KPMG) requested S.Hunt to provide details to K. Chander to get proper approval.	0.1	\$ 260.00	\$ 26.00
Rohit Nagdeo	01/22/20	Update the Application26 share deployment guide based on the review comments from R. Bhaskara (KPMG).	2.5	\$ 260.00	\$ 650.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	01/22/20	Drafted email to S.Tang (PG&E), CC'd J. Altuna, L. Milum, K. Chander (PG&E), R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) regarding audit findings and options for [App 14] external moving forward to TEST, QA, and PROD, concurrently outlined several options moving forward as well as PROD misconfigurations for the application.	1.8	\$ 260.00	\$ 468.00
Rohit Nagdeo	01/22/20	Performed the sanity testing in testing environment of all the application assigned to R. Nagdeo after the PingAccess and PingFederate Servers upgrade.	1.5	\$ 260.00	\$ 390.00
Rama Bhaskara	01/22/20	Performed the Post Upgrade testing for impersonation / Internal applications use cases in PINGAccess and PingFederate.	1.4	\$ 260.00	\$ 364.00
Rama Bhaskara	01/22/20	Reviewed the role based access requirement for PINGFederate and PINGAccess in DEV environment based on L. Milum (PG&E) email for auditor role modification required for DEV / TEST environments.	1.2	\$ 260.00	\$ 312.00
Rama Bhaskara	01/22/20	Performed additional testing for External Application 13 for Timeout usecases	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/22/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), M. Rice (KPMG) regarding status, as of 01/22/20, of developers action items and discussed blockers.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/22/20	Collaborative discussion with K. Chander, M. Pulivarthi, S. Modupalli, S. Lam, J. Altuna, L. Milum (PG&E), M. Rice, R. Nagdeo (KPMG) regarding Application 17, the effect on Application 14 when migrating to PROD, how to regression test it appropriately,	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/22/20	Performed testing over Application 25, concurrently communicating via email with B. Thomas (PG&E) for business use case for Application 25 .	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/22/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), R. Bhaskara (KPMG) regarding status, as of 01/22/20, of developers action items and discussed blockers.	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/22/20	Collaborative discussion with K. Chander, M. Pulivarthi, S. Modupalli, S. Lam, J. Altuna, L. Milum (PG&E), R. Bhaskara, R. Nagdeo (KPMG) regarding Application 17, the effect on Application 14 when migrating to PROD, how to regression test it appropriately	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/22/20	Technical status, as of 01/22/20, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas, B. Deutsch, A. Nadipally, R. Muttavarapu (Sudha), S. Modupalli, N. Sharma, K. Chander (PG&E), M. Rice, R. Nagdeo, R. Bhaskara (KPMG) to review the status of developers action items in the MS Project Plan.	1.0	\$ 260.00	\$ 260.00

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Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	01/22/20	Collaborative discussion with K. Chander, M. Pulivarthi, S. Modupalli, S. Lam, J. Altuna, L. Milum (PG&E), M. Rice, R. Bhaskara (KPMG) regarding Application 17, the effect on Application 14 when migrating to PROD, how to regression test it appropriately	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/22/20	Multiple email correspondence and MS Teams chats with J. Altuna around [App 14] external, concurrently the audit findings between web servers and app servers;	0.7	\$ 260.00	\$ 182.00
Rohit Nagdeo	01/22/20	Updated the Load Balancer intake form to request a new Virtual IP address for application14.	0.7	\$ 260.00	\$ 182.00
Matthew Rice	01/22/20	Email to L. Milum, K. Chander, A. Chauhan (PG&E), R. Villegas, R. Bhaskara, R. Nagdeo (KPMG) regarding summary of PingFed, PingAccess changes to support new Chrome browser update. The email summarized at a high level what needed to be done and asked the team to provide a Thumbs UP or DOWN for moving forward with changes in DEV / TEST.	0.6	\$ 260.00	\$ 156.00
Rama Bhaskara	01/22/20	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 01/22/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/22/20	Meeting with R. Villegas, R. Bhaskara, R. Nagdeo (KPMG) regarding current status, next steps, as of 01/22/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rob Villegas	01/22/20	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 01/22/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rohit Nagdeo	01/22/20	Meeting with R. Villegas, R. Bhaskara, M. Rice (KPMG) regarding current status, next steps, as of 01/22/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rohit Nagdeo	01/22/20	MS Team chat with K. Chander regarding the Performance testing requirement for application12.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/22/20	0.4 Review SAML SP connection policies in PINGFederate DEV	0.4	\$ 260.00	\$ 104.00
Matthew Rice	01/22/20	Draft email to K. Chander, S. Lam, L. Milum, P. Piccou Jr., S. Hunt (PG&E), R. Bhaskara, R. Villegas, R. Nagdeo (KPMG) to review steps that need to occur to ensure [App 17] goes to PROD on 2/6/20 date.	0.4	\$ 260.00	\$ 104.00
Rama Bhaskara	01/22/20	0.3 Application 33 SAML integration for Application 1 application and related Ping policy changes. ;	0.3	\$ 260.00	\$ 78.00
Rama Bhaskara	01/22/20	WebEx session with R. Bhaskara, M. Rice (KPMG), C. Leung (PING Support) for issues with PING support ticket #00683351.	0.3	\$ 260.00	\$ 78.00

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Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	01/22/20	Performed the review of use case/ PingFederate configuration with M. Rice (KPMG) after demo to Ping.	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/22/20	WebEx session with R. Bhaskara, M. Rice (KPMG), C. Leung (PING Support) for issues with PING support ticket #00683351.	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/22/20	Performed the review use case/PingFederate configuration with R. Bhaskara (KPMG) after demo to Ping.	0.3	\$ 260.00	\$ 78.00
Rohit Nagdeo	01/22/20	Review of SAML SP policies for SAM apps connection.	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/22/20	0.2 Follow-up with R. Nagdeo (KPMG) regarding [App 12] performance tuning results email sent from PG&E on 1/17/20;	0.2	\$ 260.00	\$ 52.00
Matthew Rice	01/22/20	Reviewed and updated support ticket with log file grabbed during demonstration to Ping support for ticket #00683351.	0.2	\$ 260.00	\$ 52.00
Matthew Rice	01/22/20	Update Ping Support ticket #00682821 with concerns/ answers to support's questions.	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/22/20	Update PING Support ticket #00683351 with availability to support a WebEx	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/22/20	Email R. Bhaskara (KPMG) informing that the two Ping support tickets have been requested to have his email / access added. CC'd are R. Villegas (KPMG) and K. Chander (PG&E).	0.1	\$ 260.00	\$ 26.00
Rohit Nagdeo	01/23/20	Application 9 Deployment to QA discussion with K. Chander, S. Modupalli, L. Milum, J. Altuna (PG&E).	4.0	\$ 260.00	\$ 1,040.00
Rama Bhaskara	01/23/20	Email conversation with L. Milum (PG&E) for ODSEE user invalid password attribute details, concurrently configured directory studio setup for using search term to see the Pwd Invalid attribute.	1.5	\$ 260.00	\$ 390.00
Rama Bhaskara	01/23/20	Reviewed Ping support with collected log details for analyzing PingFederate logs.	1.5	\$ 260.00	\$ 390.00
Rohit Nagdeo	01/23/20	Collaborative session with K. Chander, A. Nadipally, G. Nagothu, S. Malik (PG&E) on the failure of usecase for Application24.	1.5	\$ 260.00	\$ 390.00
Rama Bhaskara	01/23/20	Created work order for reactivation account in a call with TSC for getting access to user to test Application 3	1.2	\$ 260.00	\$ 312.00
Rama Bhaskara	01/23/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E) regarding status, as of 01/23/20, of developers action items and discussed blockers.	1.0	\$ 260.00	\$ 260.00
Rob Villegas	01/23/20	SAR Leadership Deck review meeting with S. Hunt, K. Chander (PG&E).	1.0	\$ 260.00	\$ 260.00
Rob Villegas	01/23/20	Call with S. Rai, K. Chander, S. Hunt (PG&E) to prepare SAR deck for leadership meeting.	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/23/20	Collaborative session with S. Modupally(PG&E) to resolve the logout issues with Application9.	1.0	\$ 260.00	\$ 260.00

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Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	01/23/20	Technical status, as of 01/23/20, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas, B. Deutsch, A. Nadipally, R. Muttavarapu (Sudha), S. Modupalli, N. Sharma, K. Chander (PG&E) to review the status of developers action items in the MS Project Plan.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/23/20	Meeting with A. Ramakrishnan(PG&E) for technical review of Application 8 regarding separating application issues, ping issues, identifying the action items.	0.8	\$ 260.00	\$ 208.00
Rama Bhaskara	01/23/20	Performed the SAML links for Ping environment testing for application 30, concurrently sent email to L. Milum (PG&E) and Application 30 team for noticed issues.	0.7	\$ 260.00	\$ 182.00
Matthew Rice	01/23/20	Create Visio diagramming another solution for [App 14] to remove web servers from architecture. This option was sent as a reply all to the email sent in the 1.8 hour item described 1/22/20.	0.7	\$ 260.00	\$ 182.00
Rama Bhaskara	01/23/20	Meeting with R. Nagdeo, R. Villegas (KPMG) regarding current status, next steps, as of 01/23/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/23/20	Meeting with A. Nadipally and S. Batchu (PG&E) regarding Application 1 Proxy Search API issue debug, concurrently performed debug session for Search API issue in the proxy application.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/23/20	Meeting with B. Thomas (PG&E) for getting sample SAPHR user credentials to test Application 30 SAML links in QA environment.	0.5	\$ 260.00	\$ 130.00
Rob Villegas	01/23/20	Meeting with R. Bhaskara, R. Nagdeo (KPMG) regarding current status, next steps, as of 01/23/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rohit Nagdeo	01/23/20	Meeting with R. Bhaskara, R. Villegas (KPMG) regarding current status, next steps, as of 01/23/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/23/20	Conversation with K. Chander (PG&E) on open Ping Tickets and current debugging status, as of 01/23/20, on invalid password attempt issue.	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/23/20	Email to S. Tang, J. Altuna, L. Milum, K. Chander (PG&E), R. Nagdeo, R. Villegas, R. Bhaskara regarding architecture change options to support upgraded TLS versions to backend app servers.	0.3	\$ 260.00	\$ 78.00
Rohit Nagdeo	01/24/20	Continued, as of 1/24, to troubleshoot the Application 9 issue with Application logout. The issue was not resolved in this working session.	3.5	\$ 260.00	\$ 910.00
Rama Bhaskara	01/24/20	Performed the Auditor Role changes with new role that L. Milum (PG&E) submitted via email for DEV / TEST environment, concurrently completed initial testing.	2.5	\$ 260.00	\$ 650.00

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Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	01/24/20	WebEx call with S. Lam, M. Pulivarathi (PG&E) regarding Load Balancer Tokenization apps debugging, concurrently review the iRule code snippet from Load Balancer layer.	2.3	\$ 260.00	\$ 598.00
Rama Bhaskara	01/24/20	Performed the analyses for issue using Application 2 login credentials using the connection setup to directory in DEV environment.	2.2	\$ 260.00	\$ 572.00
Rohit Nagdeo	01/24/20	Recovered the Application 9 policies in QA environment. The policies were lost due to upgrade of Ping Federate in QA environment.	2.0	\$ 260.00	\$ 520.00
Rama Bhaskara	01/24/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarathi, S. Modupalli, S. Lam (PG&E) regarding status, as of 01/24/20, of developers action items, also discussed blockers.	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/24/20	Technical status, as of 01/24/20, session with J. Altuna, S. Lam, L. Milum, M. Pulivarathi, B. Thomas, B. Deutsch, A. Nadipally, R. Muttavarapu (Sudha), S. Modupalli, N. Sharma, K. Chander (PG&E) to review the status of developers action items in the MS Project Plan.	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/24/20	Collaborative session S. Lam, K. Chander (PG&E) to clear the hurdles around raising the Work Order to create VIP.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/24/20	0.5 Provide PG&E SiteMinder Replacement Project status to R. Villegas (KPMG).	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/24/20	Collaborative session via email and telephone with M. Pulivarathi (PG&E) regarding Application 2 issue details.	0.5	\$ 260.00	\$ 130.00
Rohit Nagdeo	01/24/20	Continued, as of 1/24, to troubleshoot the Application 9 issue with Application logout.	1.7	\$ 260.00	\$ 442.00
Rob Villegas	01/24/20	Updated, concurrently sent project status report, as of 01/24/20, to K. Chander (PG&E).	0.5	\$ 260.00	\$ 130.00
Rohit Nagdeo	01/27/20	3.8 Application 9 Logout issue troubleshooting call with R. Nagdeo, M. Rice & R. Bhaskara (KPMG). R. Nagdeo& R. Bhaskara performed tests in QA environment. Compared the policy setup difference between DEV and QA to identify logout issue for Application 9 in QA.;	3.8	\$ 260.00	\$ 988.00
Rama Bhaskara	01/27/20	3.8 Application 9 Logout issue troubleshooting call with R. Nagdeo, M. Rice & R. Bhaskara (KPMG). R. Nagdeo& R. Bhaskara performed tests in QA environment. Compared the policy setup difference between DEV and QA to identify logout issue for Application 9 in QA.;	3.8	\$ 260.00	\$ 988.00
Matthew Rice	01/27/20	Working session with R. Nagdeo, R. Bhaskara (KPMG) regarding why PINGAccess cookie is not set invalid for [App 9] in QA.	3.5	\$ 260.00	\$ 910.00
Rama Bhaskara	01/27/20	Collaborative Troubleshooting session with M. Pulivarathi (PG&E), M Rice (KPMG). R Bhaskara showed test setup for Basic Authentication issue to team for figuring out the issues from Load Balancer Tokenization Layer.	1.5	\$ 260.00	\$ 390.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	01/27/20	Collaborative Troubleshooting session with M. Pulivarathi (PG&E) and R Bhaskara(KPMG). R Bhaskara showed test setup for Basic Authentication issue to team for figuring out the issues from Load Balancer Tokenization Layer.	1.5	\$ 260.00	\$ 390.00
Rama Bhaskara	01/27/20	Performed the work around configuration for Basic Auth adapter setup in PingFed Dev environment to test issue.	1.2	\$ 260.00	\$ 312.00
Rohit Nagdeo	01/27/20	Call with K. Chandra, R. Thomas, A. Fedorova, N. Gupta (PG&E) regarding the Application12 performance testing planning meeting.	1.2	\$ 260.00	\$ 312.00
Rama Bhaskara	01/27/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), M. Rice (KPMG) to discuss status, as of 01/27/20, of developers action items and discussed blockers.	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/27/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), R. Bhaskara (KPMG) to discuss status, as of 01/27/20, of developers action items and discussed blockers.	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/27/20	Technical status, as of 01/27/20, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas, B. Deutsch, A. Nadipally, R. Muttavarapu (Sudha), S. Modupalli, N. Sharma, K. Chander (PG&E) to review the status of developers action items in the MS Project Plan.	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/27/20	Review PINGAccess upgrade email chain from A.Chauhan (.3). Did some further research regarding Same Site cookie feature in the new product and responded to the chain (.5). Email recipients were: A. Chauhan, L. Milum (both PG&E), R. Nagdeo, R. Bhaskara, R. Villegas (KPMG);	0.8	\$ 260.00	\$ 208.00
Rama Bhaskara	01/27/20	Meeting with R. Villas, R. Nagdeo, M Rice (KPMG) regarding current status, next steps, as of 01/27/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/27/20	0.5 SM Ping Migration Project Leadership meeting Led by Rai, Smrithi, S. Hunt, K. Chander, S. Anil, C. Nathan, D. Wong, L Deanda (PG&E), M. Gomez, R. Villegas, M. Rice, R. Bhaskara (KPMG).;	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/27/20	Performed the additional testing for application 30 in QA environment, concurrently requested B. Thomas (PG&E) for test users.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/27/20	Meeting with R. Nagdeo, R. Bhaskara (KPMG) regarding current status, next steps, as of 01/27/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/27/20	Check up on Ping Support ticket, concurrently added response asking for a new update. Ticket was updated 5+ days ago.	0.5	\$ 260.00	\$ 130.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	01/27/20	Support leadership check in meeting with PG&E as of 1/27. Attendees were: S.Rai, S.Muthukrishnan, J. Esguerra, D. Wong, J. Jacob, S.Hunt, N. Casey, K. Chander (PG&E), R. Villegas, M. Gomez, R. Bhaskara (KPMG);	0.5	\$ 260.00	\$ 130.00
Rob Villegas	01/27/20	Meeting with R. Nagdeo, R. Bhaskara, M. Rice (KPMG) regarding current status, next steps, as of 01/27/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rob Villegas	01/27/20	0.5 PG&E Leadership update call with S. Rai, S. Hunt, K. Chander, J. Esguerra, D. Wong (PG&E) and M. Rice, R. Bhaskara, M. Gomez (KPMG).	0.5	\$ 260.00	\$ 130.00
Rohit Nagdeo	01/27/20	Meeting with M Rice, R. Villegas, R. Bhaskara (KPMG) regarding current status, next steps, as of 01/27/20, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 260.00	\$ 130.00
Rohit Nagdeo	01/27/20	Draft email to R. Thomas answering questions regarding performance testing of Application12 via email.	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/27/20	Email to B. Cathey (Ping), J. Pszonowsky, S. Kaujalgi, R. Villegas (KPMG) requesting Ping Support ticket to be escalated to have a response ASAP as it has sat idle for 5+ days.	0.1	\$ 260.00	\$ 26.00
Rohit Nagdeo	01/28/20	R. Nagdeo reproduced the issues identified by A. Nadipally and S. Malik (PG&E) in Application12.	1.5	\$ 260.00	\$ 390.00
Rama Bhaskara	01/28/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), M. Rice (KPMG) regarding status, as of 01/28/20, of developers action items and also discussed blockers.	1.2	\$ 260.00	\$ 312.00
Matthew Rice	01/28/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), R. Bhaskara (KPMG) regarding status, as of 01/28/20, of developers action items and also discussed blockers.	1.2	\$ 260.00	\$ 312.00
Rohit Nagdeo	01/28/20	Technical status, as of 01/28/20, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas, B. Deutsch, A. Nadipally, R. Muttavarapu (Sudha), S. Modupalli, N. Sharma, K. Chander (PG&E) to review the status of developers action items in the MS Project Plan.	1.2	\$ 260.00	\$ 312.00
Matthew Rice	01/28/20	Discussion with K. Chander, S. Tang, L. Milum (PG&E), R. Nagdeo regarding Application 14 in the TEST environment.	1.1	\$ 260.00	\$ 286.00
Rohit Nagdeo	01/28/20	Discussion with K. Chander, S. Tang, L. Milum (PG&E), M. Rice regarding Application 14 in the TEST environment.	1.1	\$ 260.00	\$ 286.00
Rama Bhaskara	01/28/20	Performed single Logout testing for External Application 13 in QA environment.	1.0	\$ 260.00	\$ 260.00

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Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	01/28/20	Ping Migration for Application 8 in PROD Release Document Review meeting with K. Chander, T. Doucet(PG&E), R. Bhaskara (KPMG) reviewed release plan document / pending items for Application 8 Ping Migration to PROD.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/28/20	Performed SAML SSO links testing for application 30 in QA, concurrently drafting follow-up email to L. Milum (PG&E), R. Kunaparaju(PG&E) for Vendor Questions.	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/28/20	Support meeting with J. Hirtreiter (Ping) for support ticket. Demonstrated testing results with the product and brainstormed some ideas for follow-up;	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/28/20	PG&E project management setup a meeting to understand the application9 logout issue in QA environment.	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/28/20	Created visio for Application 14 to show the options proposed regarding the architecture change.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/28/20	Skype meeting with R. Nagdeo, M. Rice (KPMG) to continue to troubleshoot VIP / why the Single Logout is not working for Application 9 application.	0.8	\$ 260.00	\$ 208.00
Matthew Rice	01/28/20	Skype meeting with R. Nagdeo, R. Bhaskara (KPMG) to continue to troubleshoot VIP / why the Single Logout is not working for Application 9 application.	0.8	\$ 260.00	\$ 208.00
Rohit Nagdeo	01/28/20	Skype meeting with R. Bhaskara, M. Rice (KPMG) to continue to troubleshoot VIP / why the Single Logout is not working for Application 9 application.	0.8	\$ 260.00	\$ 208.00
Rama Bhaskara	01/28/20	Skype call with M. Rice (KPMG) to discuss new findings, as of 01/28/20, around PingAccess	0.7	\$ 260.00	\$ 182.00
Rama Bhaskara	01/28/20	Performed testing for Application 8 (.4) and Application 25 (.3) in QA environment.	0.7	\$ 260.00	\$ 182.00
Matthew Rice	01/28/20	Meeting with P. Mantravadi, W. Temple, K. Chander, S. Hunt (PG&E) to discuss the needs for extra resources to assist S. Lam (PG&E) with implementation around Firewall/security access controls	0.7	\$ 260.00	\$ 182.00
Matthew Rice	01/28/20	Skype call with R. Bhaskara (KPMG) to discuss new findings, as of 01/28/20, around PingAccess	0.7	\$ 260.00	\$ 182.00
Matthew Rice	01/28/20	Meeting with G. Nagothu, P. Yandapalli, R. Thomas (PG&E), R. Nagdeo (KPMG) regarding the move of [App 24] from QA (after Performance Testing) to PROD.	0.7	\$ 260.00	\$ 182.00
Rohit Nagdeo	01/28/20	Meeting with G. Nagothu, P. Yandapalli, R. Thomas (PG&E), M. Rice (KPMG) regarding the move of [App 24] from QA (after Performance Testing) to PROD.	0.7	\$ 260.00	\$ 182.00
Rohit Nagdeo	01/28/20	Working session to perform Application 9 troubleshooting with M. Rice and R. Bhaskara (KPMG)	0.7	\$ 260.00	\$ 182.00

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Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	01/28/20	0.6 Performed review with S. Lam(PG&E) for Load Balancer Vip setup for Application 8 in a WebEx screen share session.;	0.6	\$ 260.00	\$ 156.00
Rama Bhaskara	01/28/20	Performed the analysis for Logout issue for Application 9 in QA.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/28/20	Performed additional testing for Application 8 application in QA environment to prepare pending item list before migrating Application 8 to PROD.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/28/20	Email PG&E regarding decisions that were made during earlier meeting [App 14] team, specifically S.Tang (PG&E). Attached proposed changes PDF for DEV / TEST environments;	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/28/20	Reviewed/updated Visio that R. Nagdeo (KPMG) provided for [App 14] architecture signoff from S.Tang (PG&E).	0.4	\$ 260.00	\$ 104.00
Matthew Rice	01/28/20	Email to W. Temple, S. Lam, J. Altuna, S. Hunt (PG&E), R. Villegas (KPMG) requesting for Web Server instances behind VIP so that W. Temple could ask a member of his team to assist with POC.	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/28/20	Multiple updates to Ping Support tickets, concurrently provided responses / clarification / asked follow-up questions to support engineer.	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/28/20	Email R. Nagdeo (KPMG) over PG&E email action items from [App 24] meeting, as of 01/28/20.	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/28/20	Update Ping Support ticket with availability to have WebEx meeting to show environment and issues faced/reported in the ticket;	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/28/20	Email reply to C. Wong, D. Wong, S. Lam, M. Carter (PG&E) requesting some time to support a discussion around Akamai and a domain in QA.	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/29/20	Collaborative session with C. Van Nada (Akamai), S. Lam (PG&E), R. Nagdeo (KPMG) to determine root cause for PingFederate SLO not working with [App 9] application.	2.5	\$ 260.00	\$ 650.00
Rohit Nagdeo	01/29/20	Collaborative session with C. Van Nada (Akamai), S. Lam (PG&E), R. Nagdeo(KPMG) to determine root cause for PingFederate SLO not working with [App 9] application.	2.5	\$ 260.00	\$ 650.00
Matthew Rice	01/29/20	Reviewed custom solution for PingFederate Adapter, concurrently passed back LDAP error codes.	2.1	\$ 260.00	\$ 546.00
Rama Bhaskara	01/29/20	Application 8 Load Balancer Vip Setup review call with S. Lam (PG&E): reviewed Application 8 Load Balancer setup for PROD migration.	1.5	\$ 260.00	\$ 390.00
Rohit Nagdeo	01/29/20	Discussion with L. Milum, J. Altuna concurrently to determine the changes required to create the myportaltest.PG&E.com VIP for Application 14 in Test environment.	1.4	\$ 260.00	\$ 364.00
Rama Bhaskara	01/29/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), M. Rice, R. Nagdeo, (KPMG) to discuss status, as of 01/29/20, of developers action items and discussed blockers.	1.1	\$ 260.00	\$ 286.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	01/29/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), R. Bhaskara, R. Nagdeo, (KPMG) to discuss status, as of 01/29/20, of developers action items and discussed blockers.	1.1	\$ 260.00	\$ 286.00
Rohit Nagdeo	01/29/20	Technical status, as of 01/29/20, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas, B. Deutsch, A. Nadipally, R. Muttavarapu (Sudha), S. Modupalli, N. Sharma, K. Chander (PG&E) to review the status of developers action items in the MS Project Plan.	1.1	\$ 260.00	\$ 286.00
Rama Bhaskara	01/29/20	1.0 Skype call with KPMG team members: R. Nagdeo, R. Villegas, M. Rice, R. Bhaskara. Discussed new findings around PINGAccess.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/29/20	Meeting with K. Chander, B. Ng, J. Lin, T. Sathyanarayana, Y. Ortiz, M. Pulivarthi, L. Milum, A. Nadipally (PG&E), M. Rice (KPMG) regarding moving Application 1, Application 3, Application 4 from TEST to QA, concurrently high level dates for QA to PROD.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/29/20	Call with C. Van Nada (Akamai), R Bhaskara (KPMG) to troubleshoot Logout issue concurrently reviewed Akamai setup / troubleshot SLO issue for Application 9 application.	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/29/20	Meeting with R. Villegas, R. Nagdeo(KPMG) regarding current status, next steps, as of 01/29/20, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/29/20	Meeting with K. Chander, B. Ng, J. Lin, T. Sathyanarayana, Y. Ortiz, M. Pulivarthi, L. Milum, A. Nadipally (PG&E), R. Bhaskara (KPMG) regarding moving Application 1, Application 3, Application 4 from TEST to QA, concurrently high level dates for QA to PROD.	1.0	\$ 260.00	\$ 260.00
Rob Villegas	01/29/20	Meeting with M. Rice, R. Nagdeo(KPMG) regarding current status, next steps, as of 01/29/20, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/29/20	Meeting with M. Rice, R. Villegas(KPMG) regarding current status, next steps, as of 01/29/20, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/29/20	Application 3, Application 4, Application 1 release plan meeting with K. Chander, J. Altuna, S. Lam, L. Milum, M. Pulivarthi (PG&E), M. Rice (KPMG)	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/29/20	Logout issue discussion with K. Chander, S. Lam, S. Modupally (PG&E).	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/29/20	CAB Meeting with W. Kelly, K. Chander, K. Tschoe, T. Yuen, L. England (PG&E), M Rice (KPMG) regarding approval for Application 17 Production Deployment on 02/06/20.	0.7	\$ 260.00	\$ 182.00

EXHIBIT C9

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

IT Software Services (Phase II)

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	01/29/20	0.7 Application 30 Prod Migration Planning meeting led by K. Chander: B. Thomas, Kunaparaju Ravi, L. Milum, A. Nadipally (PG&E) & R Bhaskara (KPMG);	0.7	\$ 260.00	\$ 182.00
Matthew Rice	01/29/20	CAB Meeting with W. Kelly, K. Chander, K. Tschoe, T. Yuen, L. England (PG&E), R. Bhaskara (KPMG) regarding approval for Application 17 Production Deployment on 02/06/20. (partial attendance)	0.6	\$ 260.00	\$ 156.00
Matthew Rice	01/29/20	Meeting with L. Milum (PG&E) regarding discussing performance tuning parameters for PingFed in DEV / TEST, concurrently discussed some findings / recommendations	0.6	\$ 260.00	\$ 156.00
Rama Bhaskara	01/29/20	Meeting with B. Thomas (PG&E) for conversation around Application 25 QA environment issues on a Phone call and email conversation.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/29/20	Meeting with K. Chander, B. Thomas, R. Muttavarapu (PG&E) regarding Application 25 Prod Migration Release Plan Review.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/29/20	Multiple Email replies to C. Van Nada (Akamai) asking for some clarification details in response to his email sent earlier summarizing the troubleshooting effort. Email recipients were: C. Van Nada, Aishwarya (Akamai), R. Jeyarajan, C. Wong, D. Wong, M. Carter, A. Saka, S. Lam (PG&E), R. Bhaskara, R. Nagdeo (KPMG);	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/29/20	MS Teams chat with L. Milum (PG&E) regarding performance tuning parameters for PingFederate can be modified in TEST.	0.1	\$ 260.00	\$ 26.00
Matthew Rice	01/30/20	Meeting with K. Chander, S. Lam, L. Milum, M. Pulivarthi (PG&E), R. Nagdeo, M. Rice (KPMG) regarding [App 6]/[App 31] migration planning activity to PROD.	2.5	\$ 260.00	\$ 650.00
Rohit Nagdeo	01/30/20	Meeting with K. Chander, J. Altuna, S. Lam, L. Milum, M. Pulivarthi (PG&E) to discuss the release plan of Application 6, concurrently Application 3 1.	2.5	\$ 260.00	\$ 650.00
Matthew Rice	01/30/20	Reviewed/updated custom PingFederate Adapter to pass back LDAP error codes for app use cases.	1.9	\$ 260.00	\$ 494.00
Rama Bhaskara	01/30/20	Performed the updates to Application 25 Deployment Guide as of 1/30	1.5	\$ 260.00	\$ 390.00
Rohit Nagdeo	01/30/20	Application 24 performance testing discussion with G. Nagothu, R. Thomas, L. Millum (PG&E).	1.5	\$ 260.00	\$ 390.00
Rama Bhaskara	01/30/20	Performed the SAML links testing for Application 30 in QA environment, concurrently emailed updates to K. Ravi, L. Milum, C. Richard(PG&E).	1.2	\$ 260.00	\$ 312.00
Rama Bhaskara	01/30/20	Meeting with A. Nadipally, S. Hu, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam, A. Saka, L. Milum (PG&E), M. Rice (KPMG) to review status, as of 01/30/20, of developers action items and also discussed blockers.	1.1	\$ 260.00	\$ 286.00

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PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

IT Software Services (Phase II)

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Matthew Rice	01/30/20	Meeting with A. Nadipally, S. Hu, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam, A. Saka, L. Milum (PG&E), R. Bhaskara (KPMG) to review status, as of 01/30/20, of developers action items and also discussed blockers.	1.1	\$ 260.00	\$ 286.00
Rohit Nagdeo	01/30/20	Technical status, as of 01/30/20, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, R. Muttavarapu (Sudha), S. Modupalli, N. Sharma, K. Chander (PG&E) to review the status of developers action items in the MS Project Plan.	1.1	\$ 260.00	\$ 286.00
Rama Bhaskara	01/30/20	1.0 Skype call with KPMG team members: R. Nagdeo, R. Villegas, M. Rice, R. Bhaskara. (KPMG) discussed all open issues, pending task items & road blocks etc. as of 1/30	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/30/20	Meeting with K. Chander, M. Pulivarthi, L. Milum, R. Jeyarajan(PG&E) reviewed cutover tasks, as of 01/30/20, for QA deployment plan for Application 2 application.	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/30/20	Meeting with K. Chander, T. Yuen, L. Milum, (PG&E) to review the cutover plan for Application 17 Prod migration.	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/30/20	Meeting with R. Villegas, R. Nagdeo, M. Rice, R. Bhaskara (KPMG) regarding current status, next steps, as of 1/30/20, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/30/20	Collaborative session with S. Batchu, K. Chander, A. Nadipally (PG&E), R. Bhaskara, M. Rice (KPMG) [App 2] regarding migration planning activity to QA.	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/30/20	Meeting with K. Chander, T. Yuen, S. Tang, L. Milum, R. Muttavarapu (aka Sudha)(PG&E), R. Bhaskara, M. Rice (KPMG) regarding [App 17] migration planning activity to PROD.	1.0	\$ 260.00	\$ 260.00
Rob Villegas	01/30/20	Meeting with R. Nagdeo (KPMG) regarding current status, next steps, as of 1/30/20, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/30/20	Meeting with R. Villegas (KPMG) regarding current status, next steps, as of 1/30/20, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 260.00	\$ 260.00
Rohit Nagdeo	01/30/20	Application 9 release plan meeting with K. Chander, L. Milum, S. Modupalli (PG&E).	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/30/20	Performed testing over Auditor Role setup for PINGFederate, PingAccess servers in DEV / TEST, concurrently emailed summary to L. Milum (PG&E).	0.8	\$ 260.00	\$ 208.00
Matthew Rice	01/30/20	Technical discussion with R. Nagdeo (KPMG) regarding custom PINGFederate adapter.	0.5	\$ 260.00	\$ 130.00

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PG&E Corporation and PG&E Company, et.al.

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IT Software Services (Phase II)

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	01/30/20	Discussion with M. Rice (KPMG) around the custom username token processor created for PG&E.	0.5	\$ 260.00	\$ 130.00
Rama Bhaskara	01/30/20	Communicated via email with S. Lam, P. Perry PG&E regarding Mobile Load Balancer ASM pending work with NPS team.	0.4	\$ 260.00	\$ 104.00
Rohit Nagdeo	01/30/20	Email communication with J. Altuna, M. Pulavarthi, S. Lam regarding the Application 12 application issue in QA environment.	0.4	\$ 260.00	\$ 104.00
Matthew Rice	01/30/20	Call with K. Tschoe (PG&E) regarding ENOC details around PROD deployment for [App 17].	0.2	\$ 260.00	\$ 52.00
Matthew Rice	01/30/20	Emails to P. Picou Jr., S. Lam, L. Milum, K. Chander (PG&E), R. Bhaskara (KPMG) requesting status, as of 1/30/20, regarding PROD work for load balancer and security module implementation.	0.2	\$ 260.00	\$ 52.00
Rohit Nagdeo	01/31/20	Working session with J. Altuna (PG&E) to remove the Application Server proxy modules from the apache server. Since, the Application Server proxymodule has created application stability issues.	2.7	\$ 260.00	\$ 702.00
Matthew Rice	01/31/20	Reviewed/updated custom PingFederate Adapter to pass back LDAP error codes for app use cases.	2.5	\$ 260.00	\$ 650.00
Rohit Nagdeo	01/31/20	Working session with Akamai Engineers (C. Vannada, S. Modupalli, A. Saka) to resolve the PINGAccess logout issue in QA environment.	1.5	\$ 260.00	\$ 390.00
Rama Bhaskara	01/31/20	Skype call with R. Nagdeo, R. Villegas, M. Rice to discuss status, as of 1/31/20, of all open issues, pending task items, road blocks.	1.1	\$ 260.00	\$ 286.00
Matthew Rice	01/31/20	Skype call with R. Nagdeo, R. Villegas, R. Bhaskara to discuss status, as of 1/31/20, of all open issues, pending task items, road blocks.	1.1	\$ 260.00	\$ 286.00
Rohit Nagdeo	01/31/20	Skype call with R. Villegas, M. Rice, R. Bhaskara to discuss status, as of 1/31/20, of all open issues, pending task items, road blocks.	1.1	\$ 260.00	\$ 286.00
Rama Bhaskara	01/31/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), M. Rice (KPMG) regarding status, as of 01/31/20, of developers action items and also discussed blockers.	1.1	\$ 260.00	\$ 286.00
Matthew Rice	01/31/20	Meeting with A. Nadipally, J. Altuna, K. Chander, M. Pulivarthi, S. Modupalli, S. Lam (PG&E), R. Bhaskara (KPMG) regarding status, as of 01/31/20, of developers action items and also discussed blockers.	1.1	\$ 260.00	\$ 286.00
Rohit Nagdeo	01/31/20	Technical status, as of 01/31/20, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas, B. Deutsch, A. Nadipally, R. Muttavarapu (Sudha), S. Modupalli, N. Sharma, K. Chander (PG&E) to review the status of developers action items in the MS Project Plan.	1.1	\$ 260.00	\$ 286.00

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Case No. 19-30088

IT Software Services (Phase II)

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	01/31/20	Performed testing for Application 8, PreviewApplication 8 Load Balancer for SSL certificates, loadbalancer setup in a WebEx call with S. Lam (PG&E).	1.0	\$ 260.00	\$ 260.00
Matthew Rice	01/31/20	Meeting with A. Tan, A. Chauhan, K. Chander (PG&E) regarding Support [App 16] migration to PROD initial planning.	1.0	\$ 260.00	\$ 260.00
Rob Villegas	01/31/20	Skype call with R. Nagdeo, M. Rice, R. Bhaskara to discuss status, as of 1/31/20, of all open issues, pending task items, road blocks. (partial attendance)	1.0	\$ 260.00	\$ 260.00
Rama Bhaskara	01/31/20	WebEx call with C. Richard (PG&E) to troubleshoot the SAML link issues, concurrently ran testing for ping links for SAML application.	0.8	\$ 260.00	\$ 208.00
Rama Bhaskara	01/31/20	Defects details call with M. Pulivarathi, S. Batch, A. Nadipally(PG&E) to discuss new issues, as of 01/31/20, noticed by Testing team, concurrently analyzed the area of defect to be fixed.	0.8	\$ 260.00	\$ 208.00
Rama Bhaskara	01/31/20	Meeting with R. Nagdeo, M. Rice (KPMG) regarding PA web session timeouts / current risks that are associated with security assessment findings.	0.8	\$ 260.00	\$ 208.00
Matthew Rice	01/31/20	Meeting with R. Nagdeo, R. Bhaskara (KPMG) regarding PA web session timeouts / current risks that are associated with security assessment findings.	0.8	\$ 260.00	\$ 208.00
Rohit Nagdeo	01/31/20	Meeting with R. Bhaskara, M. Rice (KPMG) regarding PA web session timeouts / current risks that are associated with security assessment findings.	0.8	\$ 260.00	\$ 208.00
Rama Bhaskara	01/31/20	Updated the Application 8 Release plan with J. Altuna (PG&E) feedback for SiteMinder WebAgent removal task, uploaded the release plan document to PG&E SharePoint.	0.7	\$ 260.00	\$ 182.00
Rama Bhaskara	01/31/20	0.6 Status meeting, as of 1/31, led by C. Kailash, A. Nadipally, J. Altuna, P. Yandapalli, L. Sokun, Y. Tan, S. Modupalli, W. Daniel(PG&E), R. Bhaskara, R. Nagdeo, M. Rice & V. Robert(KPMG).;	0.6	\$ 260.00	\$ 156.00
Matthew Rice	01/31/20	PG&E 1/31 status review led by K. Chander (PG&E) . Attendees: K. Chander, S. Modupalli, P. Yandapalli (PG&E), M. Rice, R. Nagdeo (KPMG).	0.6	\$ 260.00	\$ 156.00
Rohit Nagdeo	01/31/20	Status Report Review meeting with K. Chander, J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, R. Muttavarapu (Sudha), S. Modupalli, N. Sharma, K. Chander (PG&E), M. Rice, R. Nagdeo, R. Bhaskara (KPMG).	0.6	\$ 260.00	\$ 156.00
Rama Bhaskara	01/31/20	Performed the additional testing for Bad characters for Application 8 in DEV / TEST, concurrently reviewing the test results with S. Lam (PG&E) in Microsoft Teams.	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/31/20	Draft email regarding Optiv details around PING resources to assist with security testing;	0.5	\$ 260.00	\$ 130.00

EXHIBIT C9**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

IT Software Services (Phase II)

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Rob Villegas	01/31/20	Update (.4), as of 01/31/20, (.1) send project status report to K. Chander (PG&E).	0.5	\$ 260.00	\$ 130.00
Matthew Rice	01/31/20	Draft email to ENOC informing them of applications that may be affected during [App 17] PROD deployment.	0.3	\$ 260.00	\$ 78.00
Matthew Rice	01/31/20	Draft email detailing next steps for Application 17 deployment to PROD and how it affects other applications to update team.	0.2	\$ 260.00	\$ 52.00
Matthew Rice	01/31/20	Review [App 6] policies with R. Nagdeo (KPMG) in preparation for security testing.	0.2	\$ 260.00	\$ 52.00
Rohit Nagdeo	01/31/20	Review [App 6] policies with M. Rice (KPMG) in preparation for security testing.	0.2	\$ 260.00	\$ 52.00
Total IT Software Services (Phase II)			544.6		\$ 141,596.00

EXHIBIT C10

**PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088**

Quanta Invoice Review Services
January 1, 2020 through January 31, 2020
(includes previously unbilled time)

Name	Date	Description	Hours	Rate	Amount
Clay Gilge	11/15/19	(1.5) Principal review, as of 11/15, of development of revised tables / format for draft report. (.5) Follow-up with G. Mathur (KPMG) regarding the plans for revising the structure of the draft report.	2.0	\$ 500.00	\$ 1,000.00
Gaurav Mathur	11/15/19	(2.0) Developed a draft audit report to be reviewed with S. Cairns [PG&E].	2.0	\$ 400.00	\$ 800.00
Aayush Bhatia	11/15/19	Added columns to capture additional data points: specifically for ST hours in certified payroll, OT hours in certified payroll, variance from missing hours, variance from discrepancy; in the invoice set 401Q - 405Q, concurrently reviewing the data.	0.8	\$ 135.00	\$ 101.25
Aayush Bhatia	11/15/19	Added columns to capture additional data points: specifically for ST hours in certified payroll, OT hours in certified payroll, variance from missing hours, variance from discrepancy; in the invoice set 417Q - 421Q, concurrently reviewing the data.	0.8	\$ 135.00	\$ 101.25
Aayush Bhatia	11/15/19	Added columns to capture additional data points: specifically for ST hours in certified payroll, OT hours in certified payroll, variance from missing hours, variance from discrepancy; in the invoice set 206Q - 208Q, concurrently reviewing the data.	0.5	\$ 135.00	\$ 67.50
Jeffrey Kwan	11/18/19	(0.8) Discussion with C. Van Cleave (Vendor 3) and G. Mathur (KPMG) on findings to date regarding certified payroll for Vendor 3; (1.2) Prepared documentation for Vendor 3 regarding certified payroll; specifically for five invoice sets; (0.9) Prepared example summary sheet showing findings related to costs above contractual terms across invoices; (0.6) Prepared instructions for offshore resources to document costs above contractual terms across invoices:	3.5	\$ 275.00	\$ 962.50
Aayush Bhatia	11/19/19	Utilized Certified Payroll Document to obtain each of the line items for the personnel, filling in the ST hours / OT hours; specifically for the invoice set 206Q - 208Q	3.0	\$ 135.00	\$ 405.00
Aayush Bhatia	11/19/19	Utilized Certified Payroll Document to obtain each of the line items for the personnel, filling in the ST hours / OT hours; specifically for the invoice set 401Q - 405Q	1.0	\$ 135.00	\$ 135.00
Gaurav Mathur	11/19/19	(0.8) Discussed with C. Van Cleave (Vendor 3) and G. Mathur (KPMG) on findings, as of 11/19, regarding certified payroll for Vendor 3;	0.8	\$ 400.00	\$ 320.00
Aayush Bhatia	11/19/19	Added columns to capture additional data points: specifically for ST hours in certified payroll, OT hours in certified payroll, variance from missing hours, variance from discrepancy; in the invoice set 511Q - 515Q, concurrently reviewing the data.	0.5	\$ 135.00	\$ 67.50
Jeffrey Kwan	11/19/19	(0.5) Discussion with A. Bhatia (KPMG) regarding documenting costs above contractual terms across invoices;	0.5	\$ 275.00	\$ 137.50

EXHIBIT C10

**PG&E Corporation and PG&E Company, et.al.
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Quanta Invoice Review Services
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(includes previously unbilled time)

Name	Date	Description	Hours	Rate	Amount
Jeffrey Kwan	11/20/19	(2.2) Created summary table of primary three findings from tests conducted in order to track subsidiary responses; (0.5) Created summary slide of primary findings and extrapolations for communication purposes; (0.8) Performed senior associate review, as of 11/20, of analysis prepared regarding categorizing findings on contractual limits;	3.5	\$ 275.00	\$ 962.50
Aayush Bhatia	11/20/19	Copied raw data file into the Contractual Limits 2019.11.18 file, concurrently adding one column at the end of the document for non-IBEW hours over if such a column already exists, also added one column for IBEW hours for 206Q to 208Q invoice set; specifically for Vendor 1, Vendor 4, Vendor 10, Vendor 9, Vendor 6, Vendor 2	2.6	\$ 135.00	\$ 351.00
Aayush Bhatia	11/20/19	Calculated IBEW / Non IBEW; specifically for Vendor 1, Vendor 4, Vendor 10 for the invoice set 201Q - 208Q.	2.0	\$ 135.00	\$ 270.00
Aayush Bhatia	11/20/19	Used the document of 206Q-208Q Testing, creating reference to all the findings the findings labeled "Non-IBEW Hours" or "IBEW Hours" in the Findings tab.	1.5	\$ 135.00	\$ 202.50
Gaurav Mathur	11/20/19	(0.2) Director review, as of 11/20, of findings status update deck	0.2	\$ 400.00	\$ 80.00
Aayush Bhatia	11/21/19	Calculated IBEW / Non IBEW; specifically for Vendor 9, Vendor 6, Vendor 2 for the invoice set 201Q - 208Q.	3.0	\$ 135.00	\$ 405.00
Jeffrey Kwan	11/21/19	(0.9) Prepared summary table showing status of each subsidiary in response to findings to date; (0.8) Reviewed responses on findings related to certified payroll; specifically from Vendor 9, Vendor 1, Vendor 4 ; (0.5) Performed senior associate review of analysis prepared, as of 11/21, regarding categorizing findings on contractual limits;	2.2	\$ 275.00	\$ 605.00
Aayush Bhatia	11/21/19	Created reference to all the findings labeled "Non-IBEW Hours" or "IBEW Hours" in the Findings tab, utilizing the document of 417Q - 421Q Testing	2.0	\$ 135.00	\$ 270.00
Aayush Bhatia	11/22/19	Calculated IBEW / Non IBEW; specifically for Vendor 1, Vendor 4, Vendor 10 for the invoice set 417Q - 421Q.	3.5	\$ 135.00	\$ 472.50
Aayush Bhatia	11/22/19	Copied raw data file into the Contractual Limits 2019.11.18 file, concurrently adding one column at the end of the document for non-IBEW hours over if such a column already exists, also adding one column for IBEW hours; specifically for the 417Q - 421Q invoice set for Vendor 1, Vendor 4, Vendor 10, Vendor 9, Vendor 6, Vendor 2	2.5	\$ 135.00	\$ 337.50

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PG&E Corporation and PG&E Company, et.al.

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Quanta Invoice Review Services
January 1, 2020 through January 31, 2020
(includes previously unbilled time)

Name	Date	Description	Hours	Rate	Amount
Jeffrey Kwan	11/22/19	(0.5) Discussed current status with G. Mathur (KPMG) on testing to date and revised summary documents; (0.5) Prepared template for adding information on Vendor 7 signatures into findings on contractual limits;	1.0	\$ 275.00	\$ 275.00
Gaurav Mathur	11/22/19	(0.5) Discussion with R. McColm (Quanta) to address remaining questioned costs	0.5	\$ 400.00	\$ 200.00
Jeffrey Kwan	11/24/19	(1.0) Prepare documentation on adding information into findings on personnel potentially on multiple programs for offshore resources; (0.5) Discussed with A. Bhatia (KPMG) regarding adding information for contractual limits and personnel potentially on multiple programs findings; (0.7) Amended findings for contractual limits breached; specifically related to Vendor 9, Vendor 6 ;	2.2	\$ 275.00	\$ 605.00
Aayush Bhatia	11/25/19	Calculated IBEW / Non IBEW; specifically for Vendor 9, Vendor 6, Vendor 2 for the invoice set 417Q - 421Q.	2.5	\$ 135.00	\$ 337.50
Aayush Bhatia	11/25/19	Utilized Certified Payroll Document to obtain each of the line items for the personnel, filling in the ST hours / OT hours; specifically for the invoice set 411Q - 415Q	2.0	\$ 135.00	\$ 270.00
Gaurav Mathur	11/25/19	(2.0) Performed director review of the results of the recently conducted tests to identify variance between hours obtained from Vendor 7 sheets and certified payroll	2.0	\$ 400.00	\$ 800.00
Aayush Bhatia	11/25/19	Communication with J. Kwan KPMG regarding Certified Payroll (CP) testing and the variance for the CP testing	0.5	\$ 135.00	\$ 67.50
Aayush Bhatia	11/26/19	Utilized Certified Payroll Document to obtain each of the line items for the personnel, filling in the ST hours / OT hours; specifically for the invoice set 417Q - 421Q	3.0	\$ 135.00	\$ 405.00
Aayush Bhatia	11/26/19	Verified each personnel calculation on Certified Payroll for the invoice set 201Q - 208Q.	2.0	\$ 135.00	\$ 270.00
Aayush Bhatia	11/27/19	Verified each personnel calculation on Certified Payroll for the invoice set 417Q - 421Q.	3.0	\$ 135.00	\$ 405.00
Aayush Bhatia	11/27/19	Performed Paystub Testing for the invoice set 201Q - 208Q	2.0	\$ 135.00	\$ 270.00
Aayush Bhatia	11/28/19	Performed Paystub Testing for the invoice set 417Q - 421Q.	3.0	\$ 135.00	\$ 405.00
Aayush Bhatia	11/28/19	Incorporate updates to the IBEW / non IBEW labor; specifically for 201Q to 208Q set	3.0	\$ 135.00	\$ 405.00
Aayush Bhatia	11/28/19	Continued, as of 11/28, to perform Paystub Testing for the invoice set 201Q - 208Q	0.5	\$ 135.00	\$ 67.50
Aayush Bhatia	11/29/19	Performed Paystub Testing for the invoice set 417Q - 421Q.	3.0	\$ 135.00	\$ 405.00
Aayush Bhatia	11/29/19	Incorporate updates to the IBEW / non IBEW labor; specifically for 417Q to 421Q set	2.0	\$ 135.00	\$ 270.00
Jeffrey Kwan	12/01/19	(2.0) Updated documentation on adding information into findings on personnel potentially on multiple programs;	2.0	\$ 275.00	\$ 550.00

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Case No. 19-30088

Quanta Invoice Review Services

January 1, 2020 through January 31, 2020

(includes previously unbilled time)

Name	Date	Description	Hours	Rate	Amount
Gaurav Mathur	12/05/19	(2.0) Conducting additional cost testing, concurrently reviewing the documentation received from Quanta.	2.0	\$ 400.00	\$ 800.00
Gaurav Mathur	12/06/19	(2.0) Continue, as of 12/6, conducting additional cost testing, concurrently reviewing the documentation received from Quanta.	2.0	\$ 400.00	\$ 800.00
Clay Gilge	12/09/19	1.0 Principal review of analysis of testing details for certified payroll testing; 1.0 Principal review of review of electronic spreadsheet data to address missing hours / discussion details for Non-IBEW works; specifically Vendor 1 ,Vendor 9.	2.0	\$ 500.00	\$ 1,000.00
Gaurav Mathur	12/09/19	(1.0) Review material in preparation for meeting with Quanta to discuss the audit findings F1, F2, F12.	1.0	\$ 400.00	\$ 400.00
Gaurav Mathur	12/10/19	(2.0) Meeting with Quanta to discuss the audit findings F1, F2, F12. Attendees included: G. Armstrong [KPMG], C. Gilge [KPMG], J. Kwan [KPMG], Z. Sasser [Vendor 5], R. McColm [Quanta]	2.0	\$ 400.00	\$ 800.00
Clay Gilge	12/10/19	(2.0) Meeting with Quanta to discuss the audit findings F1, F2, F12. Attendees included: G. Armstrong [KPMG], G. Mathur [KPMG], J. Kwan [KPMG], Z. Sasser [Vendor 5], R. McColm [Quanta]	2.0	\$ 500.00	\$ 1,000.00
Jeffrey Kwan	12/10/19	(0.5) Prepared example documentation showing instances of Vendor 7 sheets not signed and personnel with discrepancies in hours;	0.5	\$ 275.00	\$ 137.50
Aayush Bhatia	12/11/19	Analysis of additional paystub / substantial Partial Hours, concurrently verifying the certified payroll hours; specifically for Vendor 9 & Vendor 6 206Q-208Q	3.2	\$ 135.00	\$ 432.00
Aayush Bhatia	12/11/19	Continued, from earlier on 12/11, analysis of additional paystub / substantial Partial Hours, concurrently verifying the certified payroll hours; specifically for Vendor 9 & Vendor 6 206Q-208Q	2.8	\$ 135.00	\$ 378.00
Clay Gilge	12/11/19	1.0 Principal review of development of revised presentation approach KPMG testing results for Quanta Analysis	1.0	\$ 500.00	\$ 500.00
Gaurav Mathur	12/11/19	(1.0) Discussed the revisions that were required to be made in the audit analysis as a result of comments/feedback received from Quanta.	1.0	\$ 400.00	\$ 400.00
Jeffrey Kwan	12/11/19	(1.0) Prepared instructions to offshore team on how to revise documentation on contractual limits and personnel potentially on multiple programs findings;	1.0	\$ 275.00	\$ 275.00
Aayush Bhatia	12/12/19	Analysis of additional paystub / substantial Partial Hours, concurrently verifying the certified payroll hours; specifically for Vendor 9 & Vendor 6 417Q-421Q	2.0	\$ 135.00	\$ 270.00
Aayush Bhatia	12/12/19	Continued, from earlier on 12/12, analysis of additional paystub / substantial Partial Hours, concurrently verifying the certified payroll hours; specifically for Vendor 9 & Vendor 6 417Q-421Q	2.0	\$ 135.00	\$ 270.00

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**PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088**

Quanta Invoice Review Services
January 1, 2020 through January 31, 2020
(includes previously unbilled time)

Name	Date	Description	Hours	Rate	Amount
Aayush Bhatia	12/12/19	Analysis of additional paystub / substantial Partial Hours, concurrently verifying the certified payroll hours; specifically for Vendor 3 & Quanta 417Q-421Q	2.0	\$ 135.00	\$ 270.00
Aayush Bhatia	12/12/19	Analysis of additional paystub / substantial Partial Hours, concurrently verifying the certified payroll hours; specifically for Vendor 5 417Q-421Q	2.0	\$ 135.00	\$ 270.00
Gaurav Mathur	12/12/19	(2.0) Performed director review, as of 12/12, of the analysis spreadsheet with revised findings and questioned costs.	2.0	\$ 400.00	\$ 800.00
Jeffrey Kwan	12/12/19	(1.5) Senior associate review / revision of documentation on contractual limits and personnel potentially on multiple programs findings	1.5	\$ 275.00	\$ 412.50
Aayush Bhatia	12/12/19	Analysis of additional paystub / substantial Partial Hours, concurrently verifying the certified payroll hours; specifically for Vendor 2 417Q-421Q	1.0	\$ 135.00	\$ 135.00
Clay Gilge	12/12/19	1.0 Discussion with G. Mathur (KPMG) and G. Armstrong (KPMG) on the status of KPMG's actions coming out of the Quanta meeting on 12/10; .5 Principal review of the Quanta response along with details regarding the remaining documents outstanding as 12/12	1.5	\$ 500.00	\$ 750.00
Gaurav Mathur	12/13/19	(1.0) Completed the quality check for the revised analysis spreadsheet and (1.0) discussed the revised questioned costs with G. Armstrong [KPMG] and C. Gilge [KPMG]	2.0	\$ 400.00	\$ 800.00
Clay Gilge	12/13/19	1.0 Principal review, as of 12/13, of Quanta's documentation pertaining to their outstanding items for the analysis; .5 Principal review, as of 12/13 updated analysis findings, revised response to Quanta.	1.5	\$ 500.00	\$ 750.00
Jeffrey Kwan	12/16/19	(3.3) Tested backup for missing hours from invoices ...201Q-203Q for duplicate hours, identified issues with certified payroll and Vendor 7 sheets;	3.3	\$ 275.00	\$ 907.50
Clay Gilge	12/16/19	1.5 Principal review of analysis of latest dropbox labor backup provided by Z. Sasser (Vendor 5) in support of outstanding items;1.5 Principal review of updated testing / analysis based on updated labor back-up.	3.0	\$ 500.00	\$ 1,500.00
Jeffrey Kwan	12/17/19	(1) Summarized findings related to missing hours for invoices ...201Q-203Q for duplicate hours, issues with certified payroll and Vendor 7 sheets;	1.0	\$ 275.00	\$ 275.00
Jeffrey Kwan	12/18/19	(2.4) Prepared documentation removing overlap between contractual limits findings / duplicate labor for five sets of invoices;	2.4	\$ 275.00	\$ 660.00
Clay Gilge	12/19/19	1.5 Principal review, as of 12/19, of analysis of latest dropbox labor backup provided by Z. Sasser (Vendor 5) in support of outstanding items;1.5 Principal review, as of 12/19, of updated testing / analysis based on updated labor back-up.	3.0	\$ 500.00	\$ 1,500.00

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PG&E Corporation and PG&E Company, et.al.

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Quanta Invoice Review Services

January 1, 2020 through January 31, 2020

(includes previously unbilled time)

Name	Date	Description	Hours	Rate	Amount
Gaurav Mathur	12/19/19	(1.0) Reviewed documentation received from Quanta regarding the resolution of finding #1. (1.0) Discussed the resolution documents with G. Armstrong [KPMG] and C. Gilge [KPMG].	2.0	\$ 400.00	\$ 800.00
Gaurav Mathur	12/20/19	(1.0) Drafted a response to G. Armstrong [KPMG] regarding the documentation received from Quanta regarding Finding #2 (Vendor 7 vs. Certified Payroll check). Response was shared with S. Cairns [PG&E].	1.0	\$ 400.00	\$ 400.00
Jeffrey Kwan	01/01/20	(0.9) Validated response from Vendor 3 regarding discrepancies with certified payroll; specifically for invoices ...201Q...203Q and ...206Q and ...208Q.	0.9	\$ 275.00	\$ 247.50
Jeffrey Kwan	01/02/20	(3.0) Validated response from Vendor 3 regarding discrepancies with certified payroll; specifically for invoices ...401Q...405Q and ...417Q and ...421Q, and ...511Q...515Q.	3.0	\$ 275.00	\$ 825.00
Clay Gilge	01/03/20	1.5 Principal review, as of 1/3, of updated Vendor 3 labor detail provided by Z. Sasser (Vendor 5); 1.0 Principal review, as of 1/3, of updated labor testing /analysis performed by KPMG Analyst over the holiday break; 1.0 Principal review updated final analysis of labor testing for report out to PG&E; .5 Principal review draft final deliverable testing schedules for report out to PG&E	4.0	\$ 500.00	\$ 2,000.00
Jeffrey Kwan	01/03/20	(3.4) Performed analysis to identify on overlap between testing on contractual findings with findings on certified payroll for five invoice sets.	3.4	\$ 275.00	\$ 935.00
Gaurav Mathur	01/03/20	(1.0) Reviewed the response provided by Quanta rep Z. Sasser [PROE] to address the findings associated with Vendor 3 Vendor 7 vs. Certified Payroll variances.	1.0	\$ 400.00	\$ 400.00
Jeffrey Kwan	01/05/20	(0.8) Identified overlap between different tests related to hours exceeding contractual limits; (2.7) Prepared responses to Vendor 3 comments regarding issues related to certified payroll for five invoice sets;	3.6	\$ 275.00	\$ 990.00
Gaurav Mathur	01/05/20	(1.0) Discussed findings to date on Vendor 3 certified payroll with J. Kwan (KPMG). Reviewed the responses and supported documents provided by Quanta and identified gaps/other queries.	1.0	\$ 400.00	\$ 400.00
Geno Armstrong	01/06/20	Review analysis/findings in preparation for meetings with PG&E leadership (2.2) Meeting with PG&E leadership to review reports / draft deliverables for QIRS (2.0)	4.2	\$ 500.00	\$ 2,100.00
Clay Gilge	01/06/20	(2.5) Principal review of analysis of updated Vendor 3 data provided for labor testing, issues / discrepancies identified	2.0	\$ 500.00	\$ 1,000.00
Jeffrey Kwan	01/06/20	(1.5) Revised responses to Vendor 3 comments regarding issues related to certified payroll for five invoice sets based on G. Mathur's (KPMG) comments;	1.5	\$ 275.00	\$ 412.50

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PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Quanta Invoice Review Services
January 1, 2020 through January 31, 2020
(includes previously unbilled time)

Name	Date	Description	Hours	Rate	Amount
Jeffrey Kwan	01/07/20	(1.0) Discussed findings to date on Vendor 3 certified payroll with C. Gilge (KPMG) and G. Mathur (KPMG); (2.5) Finalized Paystub Testing for sampled personnel across five invoice sets;	3.5	\$ 275.00	\$ 962.50
Clay Gilge	01/07/20	(1.0) Discussed findings to date on Vendor 3 certified payroll with G. Mathur (KPMG); (2.0) Principal review of revised findings, as of 1/7, in advance of distribution to both PG&E for discussion with Quanta and follow-up correspondence with Quanta on remaining items	3.0	\$ 500.00	\$ 1,500.00
Geno Armstrong	01/07/20	Discussion with PG&E leadership Discussion with QES leadership and agreement on path forward review of emails and correspondence to request information	2.0	\$ 500.00	\$ 1,000.00
Gaurav Mathur	01/07/20	(1.0) Discussed findings to date on Vendor 3 certified payroll with C. Gilge (KPMG) and J. Kwan (KPMG).	1.0	\$ 400.00	\$ 400.00
Jeffrey Kwan	01/08/20	(2.0) Added information into final summary document for PG&E negotiations regarding paystub testing;	2.0	\$ 275.00	\$ 550.00
Gaurav Mathur	01/08/20	(0.5) Discussed findings with G. Armstrong [KPMG] in advance of meeting with Quanta on 1/13 to discuss the comments provided by KPMG on Vendor 3 certified payroll documents.	0.5	\$ 400.00	\$ 200.00
Geno Armstrong	01/08/20	(0.5) Discussed findings with G. Mathur [KPMG] in advance of meeting with Quanta on 1/13 to discuss the comments provided by KPMG on Vendor 3 certified payroll documents.	0.5	\$ 500.00	\$ 250.00
Geno Armstrong	01/09/20	Prepare talking points for PG&E leadership meeting to review results of extrapolation / invoice testing.	3.3	\$ 500.00	\$ 1,650.00
Clay Gilge	01/13/20	(1.0) Review material in preparation for meeting with Vendor 3 to discuss findings regarding certified payroll (1.0) Discussed findings as of 1/13 on Vendor 3 certified payroll with Z. Sasser (Vendor 5), G. Mathur (KPMG);	2.0	\$ 500.00	\$ 1,000.00
Jeffrey Kwan	01/13/20	(0.6) Reviewed response from Vendor 5 regarding findings to date on Vendor 3 certified payroll in preparation for discussion with Vendor 5 and Vendor 3; (1.0) Discussed findings to date on Vendor 3 certified payroll with Z. Sasser (Vendor 5), C. Gilge (KPMG) and G. Mathur (KPMG);	1.6	\$ 275.00	\$ 440.00
Gaurav Mathur	01/13/20	(1.0) Discussed findings to date on Vendor 3 certified payroll with Z. Sasser (Vendor 5), C. Gilge (KPMG), and J. Kwan (KPMG)	1.0	\$ 400.00	\$ 400.00
Jeffrey Kwan	01/13/20	(0.7) Prepared documents and instructions for offshore resources to modify Sunday hours to correct weeks as indicated by Vendor 3;	0.7	\$ 275.00	\$ 192.50
Jeffrey Kwan	01/14/20	(0.5) Created labor and equipment rate testing sheet for Quanta and subsidiaries; (1.0) Sample tested labor and equipment rates for QES contracts for markup;	1.5	\$ 275.00	\$ 412.50

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PG&E Corporation and PG&E Company, et.al.

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Quanta Invoice Review Services

January 1, 2020 through January 31, 2020

(includes previously unbilled time)

Name	Date	Description	Hours	Rate	Amount
Clay Gilge	01/15/20	(1.0) Review of response provided by Z. Sasser on behalf of Vendor 3 regarding outstanding items for the labor analysis.	1.0	\$ 500.00	\$ 500.00
Aayush Bhatia	01/16/20	Update Vendor 3 worksheet, recalculating the difference in ST hours / OT hours by working on Revised Certified Payroll ST Hours, Revised Payroll OT Hours, Revised Difference in ST Hours for the invoice set Personnel Missing, Certified Payroll", and "Revised Variance between Certified Payroll and Invoice Hours" for the invoice set 201Q - 203Q	3.0	\$ 135.00	\$ 405.00
Aayush Bhatia	01/16/20	Continued, from earlier on 1/16, to update Vendor 3 worksheet, recalculating the difference in ST hours / OT hours by working on Revised Certified Payroll ST Hours, Revised Payroll OT Hours, Revised Difference in ST Hours for the invoice set Personnel Missing from Certified Payroll", and "Revised Variance between Certified Payroll and Invoice Hours" for the invoice set 201O - 203O	1.0	\$ 135.00	\$ 135.00
Jeffrey Kwan	01/16/20	(2.5) Sample tested labor and equipment rates for Underground Construction contracts for markup;	2.5	\$ 275.00	\$ 687.50
Clay Gilge	01/16/20	(1.0) Principal review of response to Vendor 3 regarding comments to KPMG's updated findings; (1.0) Principal review of draft of response / feedback to PG&E (S. Cairns) regarding Vendor 3's position regarding the KPMG Analysis.	2.0	\$ 500.00	\$ 1,000.00
Gaurav Mathur	01/16/20	(1.0) Prepared an email/summary sheet to summarize the costs tested, recovered, and potentially recoverable costs and shared with C. Gilge (KPMG) and G. Armstrong (KPMG).	1.0	\$ 400.00	\$ 400.00
Aayush Bhatia	01/17/20	Update Vendor 3 worksheet, recalculating the difference in ST hours / OT hours by working on Revised Certified Payroll ST Hours, Revised Payroll OT Hours, Revised Difference in ST Hours for the invoice set Personnel Missing from Certified Payroll", and "Revised Variance between Certified Payroll and Invoice Hours" for the invoice set 206Q - 208Q	3.0	\$ 135.00	\$ 405.00
Aayush Bhatia	01/17/20	Update Vendor 3 worksheet, recalculating the difference in ST hours / OT hours by working on Revised Certified Payroll ST Hours, Revised Payroll OT Hours, Revised Difference in ST Hours for the invoice set Personnel Missing from Certified Payroll", and "Revised Variance between Certified Payroll and Invoice Hours" for the invoice set 417Q - 421Q	3.0	\$ 135.00	\$ 405.00
Jeffrey Kwan	01/17/20	(0.5) Performed senior associate review of incorporation of additional information provided by Vendor 3; (2.0) Prepared summary worksheet on testing over revisions based on additional information provided by Vendor 3;	2.5	\$ 275.00	\$ 687.50
Clay Gilge	01/17/20	(2.0) Principal review, as of 1/17, of draft updated KPMG analysis to provide to PG&E	2.0	\$ 500.00	\$ 1,000.00

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Quanta Invoice Review Services
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(includes previously unbilled time)

Name	Date	Description	Hours	Rate	Amount
Gaurav Mathur	01/17/20	(1.0) Reviewed / updated the detailed report, as of 1/17, to identify the recovered and potentially recoverable costs.	2.0	\$ 400.00	\$ 800.00
Jeffrey Kwan	01/20/20	(2.7) Performed sample testing on labor and equipment rates for QES, QTS, Underground, and Mears contracts; (1.3) Reviewed additional documentation provided supporting findings related to Vendor 3; (0.5) Prepared instructions for offshore resources to verify provided documentation supporting findings related to Vendor 3;	4.5	\$ 275.00	\$ 1,237.50
Clay Gilge	01/20/20	(2.0) Review / analysis of revised Vendor 3 testing files provided by Z. Sasser addressing labor compliance issues	2.0	\$ 500.00	\$ 1,000.00
Aayush Bhatia	01/21/20	Update Vendor 3 worksheet, recalculating the difference in ST hours / OT hours by working on Revised Certified Payroll ST Hours, Revised Payroll OT Hours, Revised Difference in ST Hours for the invoice set Personnel Missing from Certified Payroll", and "Revised Variance between Certified Payroll and Invoice Hours" for the invoice set 401Q to 405Q	2.5	\$ 135.00	\$ 337.50
Aayush Bhatia	01/21/20	Continue, from earlier on 1/21, to update the Vendor 3 worksheet, recalculating the difference in ST hours / OT hours by working on Revised Certified Payroll ST Hours, Revised Payroll OT Hours, Revised Difference in ST Hours for the invoice set Personnel Missing from Certified Payroll", and "Revised Variance between Certified Payroll and Invoice Hours" for the invoice set 401Q to 405Q	1.5	\$ 135.00	\$ 202.50
Aayush Bhatia	01/21/20	Update Vendor 3 worksheet, recalculating the difference in ST hours / OT hours by working on Revised Certified Payroll ST Hours, Revised Payroll OT Hours, Revised Difference in ST Hours for the invoice set Personnel Missing from Certified Payroll", and "Revised Variance between Certified Payroll and Invoice Hours" for the invoice set 511Q to 515Q	3.0	\$ 135.00	\$ 405.00
Aayush Bhatia	01/21/20	Continue, from earlier on 1/21, to update the Vendor 3 worksheet, recalculating the difference in ST hours / OT hours by working on Revised Certified Payroll ST Hours, Revised Payroll OT Hours, Revised Difference in ST Hours for the invoice set Personnel Missing from Certified Payroll", and "Revised Variance between Certified Payroll and Invoice Hours" for the invoice set 511Q to 515Q	1.0	\$ 135.00	\$ 135.00

EXHIBIT C10

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Quanta Invoice Review Services
January 1, 2020 through January 31, 2020
(includes previously unbilled time)

Name	Date	Description	Hours	Rate	Amount
Jeffrey Kwan	01/21/20	(1.5) Continued, as of 1/21, to review provided documentation supporting findings related to Vendor 3; (1.0) Updated documentation on work related to modifying Sunday hours to correct weeks as indicated by Vendor 3 and overall summary of major findings for PG&E leadership;	2.5	\$ 275.00	\$ 687.50
Clay Gilge	01/22/20	(1.0) Principal review, as of 1/22, of updated KPMG testing files for Vendor 3 labor compliance and determination of plan for closing out remaining issues	1.0	\$ 500.00	\$ 500.00
Jeffrey Kwan	01/23/20	(0.5) Discussed latest findings regarding Vendor 3 certified payroll with C. Gilge (KPMG) and G. Mathur (KPMG); (0.5) Updated summary documentation, as of 1/23, to include latest findings regarding Vendor 3 certified payroll;	1.0	\$ 275.00	\$ 275.00
Clay Gilge	01/23/20	(0.5) Discussed latest findings regarding Vendor 3 certified payroll with C. Gilge (KPMG) and G. Mathur (KPMG);	0.5	\$ 500.00	\$ 250.00
Gaurav Mathur	01/23/20	(0.5) Discussed latest findings regarding Vendor 3 certified payroll with C. Gilge (KPMG) and J. Kwan (KPMG)	0.5	\$ 400.00	\$ 200.00
Clay Gilge	01/24/20	(.5) Development of plan for closing out remaining Vendor 3 labor compliance issues; (1.0) Drafting of communication of final labor compliance testing results and next steps for PG&E to address final findings with Quanta	1.5	\$ 500.00	\$ 750.00
Gaurav Mathur	01/24/20	(0.5) Provided an update, as of 1/24, on the status of questioned costs to G. Armstrong (KPMG); (1.0) Developed an outline for the final audit report, concurrently documenting the key process related findings and recommendations.	1.5	\$ 400.00	\$ 600.00
Jeffrey Kwan	01/25/20	(3.0) Prepared draft report for PG&E showing current status of findings to date and remaining items to resolve;	3.0	\$ 275.00	\$ 825.00
Jeffrey Kwan	01/25/20	(1.0) Continued, from earlier on 1/25, to prepare draft report for PG&E showing current status of findings to date and remaining items to resolve;	1.0	\$ 275.00	\$ 275.00
Jeffrey Kwan	01/26/20	(0.5) Created summary of remaining issues to be presented to PG&E and Quanta for discussion;	0.5	\$ 275.00	\$ 137.50
Clay Gilge	01/27/20	(1.0) Principal review, as of 1/27, of draft of final format for Quanta testing results to be distributed to PG&E and Quanta	1.0	\$ 500.00	\$ 500.00
Jeffrey Kwan	01/27/20	(0.5) Revised summary of remaining issues to be presented to PG&E and Quanta for discussion;	0.5	\$ 275.00	\$ 137.50
Clay Gilge	01/28/20	(1.0) Principal review of first draft of final testing results table to be provided to Quanta for review and discussion; (1.0) Drafting of revised format for the presentation of final testing results for presentation to Quanta	2.0	\$ 500.00	\$ 1,000.00
Jeffrey Kwan	01/28/20	(2.0) Revised draft report for PG&E showing current status of findings to date and remaining items to resolve;	2.0	\$ 275.00	\$ 550.00

EXHIBIT C10

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Quanta Invoice Review Services

January 1, 2020 through January 31, 2020

(includes previously unbilled time)

Name	Date	Description	Hours	Rate	Amount
Gaurav Mathur	01/29/20	(2.0) Prepared the draft report of findings as well as recovered/extrapolated costs for PG&E and Quanta.	2.0	\$ 400.00	\$ 800.00
Jeffrey Kwan	01/29/20	(0.5) Revised summary of remaining issues to be presented to PG&E and Quanta for discussion based on feedback from C. Gilge (KPMG);	0.5	\$ 275.00	\$ 137.50
Clay Gilge	01/30/20	(1.0) Principal review second round of updates for distribution to Quanta;	1.0	\$ 500.00	\$ 500.00
Gaurav Mathur	01/30/20	(1.0) Updated the draft report of findings as well as recovered/extrapolated costs.	1.0	\$ 400.00	\$ 400.00
Clay Gilge	01/31/20	(1.0) Principal review of finalized testing results for distribution to Quanta; (1.0) Summarize testing results for review / discussion with PG&E.	1.0	\$ 500.00	\$ 500.00
Gaurav Mathur	01/31/20	(1.0) Drafted email to Quanta /PG&E with the draft report and supporting excel files.	1.0	\$ 400.00	\$ 400.00
Aayush Bhatia	12/11/29	Analysis of additional paystub / substantial Partial Hours, concurrently verifying the certified payroll hours; specifically for Vendor 2 206Q to 208Q	3.0	\$ 135.00	\$ 405.00
Total Quanta Invoice Review Services			238.9		\$ 69,593.50 ⁽¹⁾

⁽¹⁾ Includes time/fees which were deferred pending court approval of an extension of time and increase in fees as approved in the Second Supplemental Retention Order D.I. 7351 filed on May 15, 2020.

EXHIBIT C14

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Tax and Accounting On-Call Services
January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Erik Lange	01/14/20	Discussion with D. Thomason, J. Garcia and S. Hunter (PG&E) regarding certain areas they would like assistance with	1.0	\$ 850.00	\$ 850.00
Erik Lange	01/15/20	Discussion with S. Hunter and T. Ockels (PG&E) around debt modification accounting support	1.0	\$ 850.00	\$ 850.00
Garrett Yamada	01/22/20	Review initial legal agreements related to debt restructuring in order to respond to client questions	1.0	\$ 750.00	\$ 750.00
Erik Lange	01/22/20	Consideration of PG&E debt modification questions, concurrently drafting responses	1.0	\$ 850.00	\$ 850.00
Garrett Yamada	01/23/20	Draft summary outlining overall analysis that the Company must go through when performing an analysis of a debt restructuring	1.0	\$ 750.00	\$ 750.00
Arielle Friedman	01/23/20	Perform research over guidance relating to RSA debt 8K	1.0	\$ 525.00	\$ 525.00
Erik Lange	01/23/20	Accounting considerations of: debt modification under the troubled debt restructure, modification (as modification or extinguishment) accounting, resulting impact of fees payable to creditors and 3 rd parties	2.0	\$ 850.00	\$ 1,700.00
Garrett Yamada	01/24/20	0.5 Call with S. Hunter, M. Becker, T. Ockels (PG&E) to discuss debt restructuring; review list of refinancing questions sent by client 0.5; performed research specifically related to ASC 470-60 and whether a concession has been granted by the lenders 1.0;	2.0	\$ 750.00	\$ 1,500.00
Arielle Friedman	01/24/20	Continue, as of 1/24, reading RSA debt 8K, Noteholder RSA[Final], in conjunction with Excel workbooks in order to respond to client questions.	1.0	\$ 525.00	\$ 525.00
Erik Lange	01/24/20	Reconnect on debt modification considerations with S. Hunter, Mari Becker, and T. Ockels (PG&E)	2.0	\$ 850.00	\$ 1,700.00
Garrett Yamada	01/27/20	Performed additional research related to ASC 470-60 focusing on whether a concession has been granted by the lenders; internal discussion (via email)	1.0	\$ 750.00	\$ 750.00
Arielle Friedman	01/27/20	Continue, as of 1/27, to read RSA debt 8K, Noteholder RSA[Final], in conjunction with Excel workbooks in order to respond to client questions.	0.5	\$ 525.00	\$ 262.50
Erik Lange	01/27/20	Consideration of PG&E's proposed analysis of "lenders" for the purposes of application of the debt modification accounting guidance, including drafting commentary back to S. Hunter and T. Ockels (PG&E) on company approach	2.0	\$ 850.00	\$ 1,700.00
Total Tax and Accounting On-Call Services			16.5		\$ 12,712.50

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Name	Date	Description	Hours	Rate	Amount
Rachel Wagner-Kaiser	01/02/20	1.3 Transfer resulting predications from server to local drives for further analysis of prediction results; 1.0 Examined results of predictions of all models at transaction level, compared to manual review. 1.5 Examined which flag patterns may allow us to best catch missed predictions, determining some possible adjustments might be to the flags to improve in phase 2	3.8	\$ 475.00	\$ 1,805.00
David Hall	01/02/20	3.4 Performed detailed analysis of errors produced by document type model, as of 1/2, on Phase 1 transaction data.	3.4	\$ 425.00	\$ 1,445.00
Kimberly Johnson	01/02/20	(3.4) Aggregate statistics, extracting results (simultaneously tweaked unfinished records) for Lighthouse (LH) review.	3.4	\$ 475.00	\$ 1,615.00
David Hall	01/02/20	3.0 Update spreadsheet with error analysis of document type errors, complete with graphs of our quality /scores.	3.0	\$ 425.00	\$ 1,275.00
Kimberly Johnson	01/02/20	(1.6) Review 24 1st Level Review transactions marked as "Yes" have a penalty for Phase 2 review.;	1.6	\$ 475.00	\$ 760.00
Juan Gonzalez III	01/02/20	(0.5) Meeting to discuss Permitting project status and updates as of 1/2. Attendees: Y. Fu , K. Johnson, C. Wong (KPMG). (1.0) Principal review of sample test items complete, concurrently performing preliminary assessment of extrapolation implications.	1.5	\$ 625.00	\$ 937.50
Kimberly Johnson	01/02/20	(1.5) Pull 2018 / 2019 P-Card transactions for 448 vendors for Phase 2 review.;	1.5	\$ 475.00	\$ 712.50
David Hall	01/02/20	0.8 Performed initial review of performance metrics of document type model focusing on errors.	0.8	\$ 425.00	\$ 340.00
David Hall	01/02/20	0.6 Continued, from earlier on 1/2, performing detailed analysis of errors produced by document type model on Phase 1 transaction data.	0.6	\$ 425.00	\$ 255.00
Kimberly Johnson	01/02/20	(0.5) Meeting to discuss Permitting project status and updates as of 1/2. Attendees: J. Gonzalez III , Y. Fu, C. Wong (KPMG);	0.5	\$ 475.00	\$ 237.50
Nicole Tran	01/02/20	Research and analyze the selected in scope +5k vendor list to indicate whether or not the vendor is a government agency and/or if the vendor could issue encroachment permits. 10 samples	0.5	\$ 425.00	\$ 212.50
Yiwen Fu	01/02/20	(0.5) Meeting to discuss Permitting project status and updates as of 1/2. Attendees: J. Gonzalez III , K. Johnson, C. Wong (KPMG);	0.5	\$ 475.00	\$ 237.50
David Hall	01/02/20	(0.2) Discussed primary next tasks: qualitative assessment of missed predictions, debugging tesseract issue, and writing code to compare results at file level to transaction level with R. Wagner-Kaiser (Manager, KPMG)	0.2	\$ 425.00	\$ 85.00
Rachel Wagner-Kaiser	01/02/20	(0.2) Discussed primary next tasks: qualitative assessment of missed predictions, debugging tesseract issue, and writing code to compare results at file level to transaction level with D. Hall (KPMG)	0.2	\$ 475.00	\$ 95.00

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Name	Date	Description	Hours	Rate	Amount
Nicole Tran	01/03/20	Research and analyze the selected in scope +5k vendor list to indicate whether or not the vendor is a government agency and/or if the vendor could issue encroachment permits. 1,587 samples	3.9	\$ 425.00	\$ 1,657.50
Kimberly Johnson	01/03/20	(3.8) Reviewing database results for Direct Payments in Phase 2, concurrently cleaning up as necessary based on review	3.8	\$ 475.00	\$ 1,805.00
Nicole Tran	01/03/20	Research and analyze the selected in scope +5k vendor list to indicate whether or not the vendor is a government agency and/or if the vendor could issue encroachment permits. 1,090 samples	3.8	\$ 425.00	\$ 1,615.00
Rachel Wagner-Kaiser	01/03/20	1.5 Add in additional flagging and rerun extraction code on lume dataset in order to incorporate into broader exception handling effort. 1.5 synthesize results of model comparison to human labels and flag rates into summary of incidence rate, type, importance, etc. .7 Examination of false positive instances — exploration into how might we may be able to distinguish these from true positive examples	3.7	\$ 475.00	\$ 1,757.50
David Hall	01/03/20	3.4 Performed error analysis on "penalty applies" binary model / "penalty type" models on phase 1 data.	3.4	\$ 425.00	\$ 1,445.00
David Hall	01/03/20	2.5 Compiled error analysis spread sheet from "penalty applies" and "penalty type" models complete with graphs of OCR quality.	2.5	\$ 425.00	\$ 1,062.50
Kimberly Johnson	01/03/20	(1.7) Update Vendor Master File, as of 1/3, for clients response for Contract vendors related to Sewer Inspections and Veg Management (will be used to pull sample of contract vendors transactions for Phase 2 review)	1.7	\$ 475.00	\$ 807.50
Juan Gonzalez III	01/03/20	(1.5) Principal review / analysis of P-card data in preparation for sample design along with sample testing progress, concurrently noting QC related questions for team.	1.5	\$ 625.00	\$ 937.50
Kimberly Johnson	01/03/20	(1.3): Manager Phase 2 review of extrapolation, as of 1/3, tying back to number of records able to review, vs not including reconciling document types for reasons why we are unable to review certain transactions.;	1.3	\$ 475.00	\$ 617.50
David Hall	01/03/20	1.2 Examined performance metrics of "penalty applies" and "penalty type" models from phase 1 data, extracting documents with errors.	1.2	\$ 425.00	\$ 510.00
Kimberly Johnson	01/03/20	(1.2) Performed manager review of reconciliation and comparison of Phase 1 Vendors to Phase 2 vendors.;	1.2	\$ 475.00	\$ 570.00
Yiwen Fu	01/03/20	(0.7) Review Phase 2 extrapolation sample manual review results, as of 1/3, for machine learning model.	0.7	\$ 475.00	\$ 332.50
David Hall	01/03/20	0.6 Continued, from earlier on 1/2, to perform error analysis on penalty applying binary model / "penalty type" models on phase 1 data.	0.6	\$ 425.00	\$ 255.00

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Name	Date	Description	Hours	Rate	Amount
David Hall	01/03/20	(0.3) Discussed current efforts with regard to qualitative and quantitative analysis of incorrect model results to track and model any patterns, discuss current status on exception handling process as well as current state and ETA of review for phase 2 sample as well as needs for Jan 15 deliverables Attendees: Y. Fu, R. Wagner-Kaiser (KPMG)	0.3	\$ 425.00	\$ 127.50
Rachel Wagner-Kaiser	01/03/20	(0.3) Discussed current efforts with regard to qualitative and quantitative analysis of incorrect model results to track and model any patterns, discuss current status on exception handling process as well as current state and ETA of review for phase 2 sample as well as needs for Jan 15 deliverables Attendees: Y. Fu, R. Wagner-Kaiser (KPMG)	0.3	\$ 475.00	\$ 142.50
Yiwen Fu	01/03/20	(0.3) Discussed current efforts with regard to qualitative and quantitative analysis of incorrect model results to track and model any patterns, discuss current status on exception handling process as well as current state and ETA of review for phase 2 sample as well as needs for Jan 15 deliverables Attendees: Y. Fu, R. Wagner-Kaiser (KPMG)	0.3	\$ 475.00	\$ 142.50
Nicole Tran	01/06/20	Matched each selected vendor to an updated master list of Authority Having Jurisdictions (AHJs) - 594 samples	4.2	\$ 425.00	\$ 1,785.00
Jonathan Boldt	01/06/20	(3.9) Phase 2 supporting documentation pull from SAP for Lighthouse team, pulled 279 out of 839 assigned documents;	3.9	\$ 325.00	\$ 1,267.50
Michelle Yeung	01/06/20	3.9 - Exported SAP documentation from client SAP system and for Lighthouse workstream (420 Total documents Exported).	3.9	\$ 325.00	\$ 1,267.50
Stephen Greer	01/06/20	Phase 2 – Performed manager review of permit payments reviews completed by first level reviewers (for 2018 and a portion of 2019) completed for 36 of 36 assigned vendors to review.	3.9	\$ 475.00	\$ 1,852.50
Jonathan Boldt	01/06/20	(3.8) Phase 2 supporting documentation pull from SAP for Lighthouse team, pulled 270 out of 839 assigned documents;	3.8	\$ 325.00	\$ 1,235.00
Michelle Yeung	01/06/20	3.8 - Extracted supporting documentation from client SAP to support machine-learning workstream (420 total documents Extracted).	3.8	\$ 325.00	\$ 1,235.00
Nicole Tran	01/06/20	Matched each selected vendor to an updated master list of Authority Having Jurisdictions (AHJs) - 503 samples	3.7	\$ 425.00	\$ 1,572.50
Rachel Wagner-Kaiser	01/06/20	0.9 Create additional flags (number of pages and key identifying penalty phrase language in as flags); 1.0 Develop code that adds new flags into the workflow runner script and ensure output formatting is sufficient 1.4 Rerun phase 1 / phase 2 extractions, compressing data in order to make results available on shared drive to team	3.3	\$ 475.00	\$ 1,567.50

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Name	Date	Description	Hours	Rate	Amount
Eloise Pinto	01/06/20	Reviewed PG&E correspondence regarding contractor vendors, concurrently updating vendor master list	2.9	\$ 475.00	\$ 1,377.50
David Hall	01/06/20	In preparation for moving to next modeling phase (with new wave of transaction data for modeling), organized phase1 model, data, configuration files.	2.5	\$ 425.00	\$ 1,062.50
David Hall	01/06/20	Finalize analysis of errors from Phase1 modeling (document type, penalty applies, penalty type classifiers).	2.5	\$ 425.00	\$ 1,062.50
David Hall	01/06/20	Strategized how to deal with indirect payment transactions (as our models have only looked at direct payment transactions), inclusive of examining/analyzing indirect payment data.	2.4	\$ 425.00	\$ 1,020.00
Kimberly Johnson	01/06/20	(1.9) Generate Lighthouse (LH) new metrics regarding the Phase 1 review that will assist with the machine learning.	1.9	\$ 475.00	\$ 902.50
Michelle Yeung	01/06/20	1.8 - Imported extracted SAP supporting documentation to internal shared drive for Lighthouse review (420 Total documents imported)	1.8	\$ 325.00	\$ 585.00
Tabitha Gaustad	01/06/20	Reading permitting project communications received in the prior two weeks, including receipts of information from PG&E personnel who were asked to clarify their prior input regarding vendors PG&E uses to do public right of way projects.	1.5	\$ 550.00	\$ 825.00
Kimberly Johnson	01/06/20	Review 24"Maybe" transactions (.7) and prepare 13 files in total to send to client for review (.7) ;	1.4	\$ 475.00	\$ 665.00
Kimberly Johnson	01/06/20	(1.2) Completed two PG&E Trainings as required by the client.	1.2	\$ 475.00	\$ 570.00
Kimberly Johnson	01/06/20	(.6) Respond to pending Lighthouse (LH) team questions, as of 1/6, regarding Phase 2 work. (.6) Review database to insure accuracy of questions and answers, noting questions team to reconcile responses are in line with the teams thoughts.;	1.2	\$ 475.00	\$ 570.00
Kimberly Johnson	01/06/20	(1.0) Create analysis on 1440 transactions marked as "Y" and "Maybe" for the mornings meeting to review with Director and Partner.	1.0	\$ 475.00	\$ 475.00
Yiwen Fu	01/06/20	(1.0) Rewrite data extraction query to denormalize dataset from transaction level to document level for machine learning model.	0.9	\$ 475.00	\$ 427.50
Eloise Pinto	01/06/20	(0.8) PG&E Catch Up meeting with team to review workstream status, action items, and next steps as of 1/6. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG), N. Tran (Associate, KPMG)	0.8	\$ 475.00	\$ 380.00
Juan Gonzalez III	01/06/20	(0.8) PG&E Catch Up meeting with team to review workstream status, action items, and next steps as of 1/6. Attendees: T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG), N. Tran (Associate, KPMG);	0.8	\$ 625.00	\$ 500.00
Kimberly Johnson	01/06/20	(0.8) PG&E Catch Up meeting with team to review workstream status, action items, and next steps as of 1/6. Attendees: J. Gonzalez III (Principal, KPMG) T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG), N. Tran (Associate, KPMG);	0.8	\$ 475.00	\$ 380.00

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Name	Date	Description	Hours	Rate	Amount
Tabitha Gaustad	01/06/20	(0.8) PG&E Catch Up meeting with team to review workstream status, action items, next steps as of 1/6. Attendees: J. Gonzalez III (Principal, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG), N. Tran (Associate, KPMG);	0.8	\$ 550.00	\$ 440.00
David Hall	01/06/20	(0.6) Met to review current status of modeling and phase 2 data review, also discussed some of the issues that need to be resolved before moving forward, regarding any necessary changes to model structure to handle new file type ("multiple") as well as multiple authoritative documents in a transaction. Also discussed confidence model, including what additional flags might be useful to identify files for manual review, how to structure value proposition for client, and what needs to be completed for Jan 15th date. Attendees: R. Tuggle, Y. Fu, R. Wagner-Kaiser (KPMG)	0.6	\$ 425.00	\$ 255.00
Rachel Wagner-Kaiser	01/06/20	(0.6) Met to review current status of modeling and phase 2 data review, also discussed some of the issues that need to be resolved before moving forward, regarding any necessary changes to model structure to handle new file type ("multiple") as well as multiple authoritative documents in a transaction. Also discussed confidence model, including what additional flags might be useful to identify files for manual review, how to structure value proposition for client, and what needs to be completed for Jan 15th date. Attendees: R. Tuggle, Y. Fu, D. Hall (KPMG)	0.6	\$ 475.00	\$ 285.00
Ryan Tuggle	01/06/20	(0.6) Met to review current status of modeling and phase 2 data review, also discussed some of the issues that need to be resolved before moving forward, regarding any necessary changes to model structure to handle new file type ("multiple") as well as multiple authoritative documents in a transaction. Also discussed confidence model, including what additional flags might be useful to identify files for manual review, how to structure value proposition for client, and what needs to be completed for Jan 15th date. Attendees: D. Hall, Y. Fu, R. Wagner-Kaiser (KPMG)	0.6	\$ 550.00	\$ 330.00

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Name	Date	Description	Hours	Rate	Amount
Yiwen Fu	01/06/20	(0.6) Met to review current status of modeling and phase 2 data review, also discussed some of the issues that need to be resolved before moving forward, regarding any necessary changes to model structure to handle new file type ("multiple") as well as multiple authoritative documents in a transaction. Also discussed confidence model, including what additional flags might be useful to identify files for manual review, how to structure value proposition for client, and what needs to be completed for Jan 15th date. Attendees: R. Tuggle, R. Wagner-Kaiser, D. Hall (KPMG)	0.6	\$ 475.00	\$ 285.00
Jonathan Boldt	01/06/20	(0.5) Team meeting to discuss status and next steps. Attendees: Andrei Emelianov (Director, KPMG), Tabitha Gaustad (Director, KPMG), Y. Fu (Manager, KPMG), K. Johnson (Manager, KPMG), Eloise Pinto (Manager, KPMG) N. Tran (Associate, KPMG), C. Wong (Associate, KPMG), M. Yeung (Associate, KPMG)	0.5	\$ 325.00	\$ 162.50
Kimberly Johnson	01/06/20	(.5) Follow-up email to client to address action items subsequent to status meeting from the morning;	0.5	\$ 475.00	\$ 237.50
Michelle Yeung	01/07/20	3.8 - Consolidated extracted SAP supporting documentation from entire team (1200 Total documents); 1.5 - Uploaded reconciled supporting documentation in support of machine-learning workstream to Shared Drive (1200 Total documents).	5.3	\$ 325.00	\$ 1,722.50
Stephen Greer	01/07/20	Phase 2 Fuzzy matching review of vendor names versus other potential similar names in database for completeness and data cleanup 158 out of 158 vendors names reviewed (3.0) also reviewed 13 out of 13 Second level QC reviews (1.0)	4.0	\$ 475.00	\$ 1,900.00
Nicole Tran	01/07/20	Matched each selected vendor to an updated master list of Authority Having Jurisdictions (AHJs) - 498 samples	3.9	\$ 425.00	\$ 1,657.50
Jonathan Boldt	01/07/20	(3.6) Perform fuzzy matching exercise to identify vendors in vendor master file with similar names to be included in payment sample, performed exercise over 120 out of 396 assigned vendors	3.6	\$ 325.00	\$ 1,170.00
Nicole Tran	01/07/20	Matched each selected vendor to an updated master list of Authority Having Jurisdictions (AHJs) - 474 samples	3.6	\$ 425.00	\$ 1,530.00
David Hall	01/07/20	Preprocessed set of 3000 indirect payment transactions; inclusive of running the documents through the pipeline, troubleshooting errors, examining output.	3.4	\$ 425.00	\$ 1,445.00
Michelle Yeung	01/07/20	3.4 - Prepared SAP supporting documentation for Lighthouse workstream by reconciling P doc# with SAP Doc# for all documents using SAP P doc Report.	3.4	\$ 325.00	\$ 1,105.00

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Name	Date	Description	Hours	Rate	Amount
Eloise Pinto	01/07/20	Separately corresponded with S. Phinney (PG&E) (.7), M. Melina (PG&E) (.7), H. Fitzsimons (PG&E) (.7), and D. Martinez (PG&E) (1.0) regarding list of contractors for their line of business for the contractor review.	3.1	\$ 475.00	\$ 1,472.50
Jonathan Boldt	01/07/20	(2.8) Phase 2 supporting documentation pull from SAP for Lighthouse team, pulled 290 out of 839 assigned documents;	2.8	\$ 325.00	\$ 910.00
David Hall	01/07/20	Continued, from earlier on 1/7, preprocessing set of 3000 indirect payment transactions; inclusive of running the documents through the pipeline, troubleshooting errors, examining output.	2.5	\$ 425.00	\$ 1,062.50
Kimberly Johnson	01/07/20	(2.5) Update statistics, as of 1/7, for status meeting as requested by director and partner, concurrently refining information we will be providing to the client;	2.5	\$ 475.00	\$ 1,187.50
Kimberly Johnson	01/07/20	(2.5) Review database, as of 1/7, to address any outstanding issues / inconsistencies, concurrently reading review comments left for 30 records to determine if any changes must be made accordingly.	2.5	\$ 475.00	\$ 1,187.50
Rachel Wagner-Kaiser	01/07/20	.8 Create code to sample to create training, testing, and validation sets with phase 2 data and new format of review sheet, given that input data structure has changed significantly .7 Adjust code to run phase 2 reviewed spreadsheet through profiling code, given that input data structure has changed significantly 0.9 Investigation into token validity calculation and optical character recognition threshold for phase 1 data and phase 2 data to determine if any changes need to be made	2.4	\$ 475.00	\$ 1,140.00
Eloise Pinto	01/07/20	Updating vendor master list, as of 1/7, for additional contractors indicated by PG&E personnel	2.1	\$ 475.00	\$ 997.50
Jonathan Boldt	01/07/20	(2.0) Continued, from earlier on 1/7, pull of Phase 2 supporting documentation SAP for Lighthouse team, pulled 290 out of 839 assigned documents;	2.0	\$ 325.00	\$ 650.00
Juan Gonzalez III	01/07/20	(0.6) Type: Meeting, Subject: Discuss progress on the machine learning model. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG). (0.5) Internal biweekly team meeting to discuss project status and updates. Attendees: T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG), J. Boldt (Associate, KPMG), N. Tran (Associate, KPMG), C. Wong (Associate, KPMG), M. Yeung (Associate, KPMG).	1.1	\$ 625.00	\$ 687.50
Ryan Tuggle	01/07/20	Meeting with J. Gonzalez (KPMG) and T. Gaustad (KPMG) and R. Wagner (KPMG) to confirm priorities for project scope (.5). Meeting with R. Wagner (KPMG) and D. Hall (KPMG) and Y. Fu (KPMG) to review design of penalty amount extraction module (.6)	1.1	\$ 550.00	\$ 605.00

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Name	Date	Description	Hours	Rate	Amount
Michelle Yeung	01/07/20	(0.5) Type: Meeting Subject: bi-weekly team meeting to discuss project status and updates. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), S. Greer (Manager, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG), J. Boldt (Associate, KPMG), N. Tran (Associate, KPMG), C. Wong (Associate, KPMG), M. Yeung (Associate, KPMG) (0.5) Type: Meeting Subject: Status Update on project workstreams; Discussion of contact persons for LI type and paving documents for contractor workstream; Discussed setting up PG&E review of fines identified from direct payment workstream Attendees: E. Pinto(Manager, KPMG), M. Yeung (Associate, KPMG), R. Chriss (PG&E)	1.0	\$ 325.00	\$ 325.00
Tabitha Gaustad	01/07/20	(0.8) Status update on gathering statistics and analysis for work performed. Understanding where Contractor work needs attention. Attendees: J. Gonzalez III (Principal, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG)	0.8	\$ 550.00	\$ 440.00
David Hall	01/07/20	(0.6) Scope and timeline discussion, focusing on two main priorities through February 10th. First, including phase 2 data in our model and analyzing performance. Second, investigating approaches for penalty extraction mechanisms. Discussed aspects of solution such as versatility, usability, and functionality. Discussed possibility of testing with P-card data. Reviewed value with regard to identification of issues via a lookback as well as improvement in future compliance. Discussed needs around drafting story for client. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG)	0.6	\$ 425.00	\$ 255.00
Rachel Wagner-Kaiser	01/07/20	(0.6) Scope and timeline discussion, focusing on two main priorities through February 10th. First, including phase 2 data in our model and analyzing performance. Second, investigating approaches for penalty extraction mechanisms. Discussed aspects of solution such as versatility, usability, and functionality. Discussed possibility of testing with P-card data. Reviewed value with regard to identification of issues via a lookback as well as improvement in future compliance. Discussed needs around drafting story for client. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), D. Hall (Sr. Associate, KPMG)	0.6	\$ 475.00	\$ 285.00

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Name	Date	Description	Hours	Rate	Amount
Yiwen Fu	01/07/20	(0.6) Scope and timeline discussion, focusing on two main priorities through February 10th. First, including phase 2 data in our model and analyzing performance. Second, investigating approaches for penalty extraction mechanisms. Discussed aspects of solution such as versatility, usability, and functionality. Discussed possibility of testing with P-card data. Reviewed value with regard to identification of issues via a lookback as well as improvement in future compliance. Discussed needs around drafting story for client. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG)	0.6	\$ 475.00	\$ 285.00
Christopher Wong	01/07/20	(0.5) Discussion with machine learning workstream to discuss updates and modifications for the machine learning algorithm, in particular details on fine identification from direct payments workstream Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), K. Johnson (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), M. Yeung (Associate, KPMG)	0.5	\$ 325.00	\$ 162.50
David Hall	01/07/20	(0.5) Discussed challenges and possible approaches for the penalty extraction model (heuristic based vs classification vs deep learning options). Also discussed annotation needs for getting labels into lume data format and resources given the short timeline. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG)	0.5	\$ 425.00	\$ 212.50
David Hall	01/07/20	(0.5) Discussed questions on review for phase II documents, including transactions with "penalty type" labels that do not have penalties, frequency and characterization of the multiple document type, and how to interpret and leverage flags indicating which documents were used in the decision that a penalty exists for that transaction. Attendees: Y. Fu (Manager, KPMG), K. Johnson (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), M. Yeung (Associate, KPMG)	0.5	\$ 425.00	\$ 212.50
Eloise Pinto	01/07/20	(0.5) Meeting to discuss project status and updates as of 1/7/20. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG), J. Boldt (Associate, KPMG), N. Tran (Associate, KPMG), C. Wong (Associate, KPMG), M. Yeung (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Jonathan Boldt	01/07/20	(0.5) Meeting to discuss project status and updates as of 1/7/20. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG) N. Tran (Associate, KPMG), C. Wong (Associate, KPMG), M. Yeung (Associate, KPMG)	0.5	\$ 325.00	\$ 162.50

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Gas and Electric Permitting Support Phase 2

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Kimberly Johnson	01/07/20	(0.5) Team meeting to discuss project status and updates. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG), J. Boldt (Associate, KPMG), N. Tran (Associate, KPMG), C. Wong (Associate, KPMG), M. Yeung (Associate, KPMG);	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	01/07/20	(0.5) Discussion with machine learning workstream to discuss updates and modifications for the machine learning algorithm, in particular details on fine identification from direct payments workstream Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), M. Yeung (Associate, KPMG);	0.5	\$ 475.00	\$ 237.50
Rachel Wagner-Kaiser	01/07/20	(0.5) Discussed challenges and possible approaches for the penalty extraction model (heuristic based vs classification vs deep learning options). Also reviewed annotation needs for getting labels into lume data format and staffing needs given the short timeline. Attendees: R. Tuggle (Director, KPMG), D. Hall (Sr. Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Rachel Wagner-Kaiser	01/07/20	(0.5) Discussed questions on review for phase II documents, including transactions with "penalty type" labels that do not have penalties, frequency and characterization of the multiple document type, and how to interpret and leverage flags indicating which documents were used in the decision that a penalty exists for that transaction. Attendees: Y. Fu (Manager, KPMG), K. Johnson (Manager, KPMG), D. Hall (Sr. Associate, KPMG), M. Yeung (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Tabitha Gaustad	01/07/20	Director review, as of 1/7, of status material provided by the computer assisted testing team (permitting project)	0.5	\$ 550.00	\$ 275.00
Yiwen Fu	01/07/20	(0.5) Discussed questions on review for phase II documents, including transactions with "penalty type" labels that do not have penalties, frequency and characterization of the multiple document type, and how to interpret and leverage flags indicating which documents were used in the decision that a penalty exists for that transaction. Attendees: , K. Johnson (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), M. Yeung (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Yiwen Fu	01/07/20	(0.4) Determine distinction between direct and indirect vendors for machine learning model.	0.4	\$ 475.00	\$ 190.00
Nicole Tran	01/07/20	Meeting to discuss next steps on the Permitting project and upcoming deadlines. Y. Fu (Manager, KPMG), K. Johnson (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), M. Yeung (Associate, KPMG), N. Tran (Sr. Associate, KPMG)	0.3	\$ 425.00	\$ 127.50

EXHIBIT C16**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Gas and Electric Permitting Support Phase 2

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Juan Gonzalez III	01/08/20	(0.2) Meeting to discuss linking Concur supporting files to the transaction listing extracted from SAP, acknowledge there are still files missing from 2018, and discuss timing on when to receive remaining 2018 files and 2019. Attendees: T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG), P. Tam (PG&E). (0.8) Status update on gathering statistics and analysis for work performed. Understanding where Contractor work needs attention. Attendees: T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG). (1.0) Review status deck and metrics for tomorrow's client meeting. Attendees: K. Johnson (Manager, KPMG). (2.0) Subject: Review, analysis, and refinement of preliminary sampling results in preparation for presentation to client. Attendees: (0.7) Subject: Communicate via email with staff / management team members to independently assess processes, assess progress, address questions regarding how to handle specific test items.	4.7	\$ 625.00	\$ 2,937.50
David Hall	01/08/20	Began development of Phase 2 modeling / annotations approach for use by team going forward.	3.8	\$ 425.00	\$ 1,615.00
Eloise Pinto	01/08/20	(1.0) Corresponded with M. Melina (PG&E), R. Chriss (PG&E), H. Fitzsimons (PG&E) regarding list of contractors for their line of business for the contractor review; (1.2) Communication with M. Jones (PG&E) and A. Fakva (PG&E) regarding L type documents related to the direct review; (0.5) Communication with staff to update the vendor master list, as of 1/8, for the contractor review; (1.1) Drafted chart information for the upcoming Status Report meeting.	3.8	\$ 475.00	\$ 1,805.00
Jonathan Boldt	01/08/20	(3.8) Perform fuzzy matching exercise to identify vendors in vendor master file with similar names to be included in payment sample, performed exercise over 150 out of 396 assigned vendors;	3.8	\$ 325.00	\$ 1,235.00
Stephen Greer	01/08/20	Phase 2 Fuzzy matching review of vendor names versus other potential similar names in database for completeness and data cleanup 161 out of 396 assigned vendors names reviewed	3.8	\$ 475.00	\$ 1,805.00
Tabitha Gaustad	01/08/20	(1.0) Examining 1700+ PDF P-card files received from Concur to check for completeness in documents received. (1.0) Extracted files from the FTP in order to load data files to KPMG server for study. (1.5) Preparing a document for P. Tam (PG&E) outlining the 2019 P-card transactions needed, the documents that were not received pursuant to the original 2018 request for documents.	3.5	\$ 550.00	\$ 1,925.00

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January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
David Hall	01/08/20	Reviewed /examined data received from Phase 2 (document type, whether a penalty applies, and the type of penalty) from Forensics team as of 1/8, inclusive of spot checking for errors.	3.4	\$ 425.00	\$ 1,445.00
Jonathan Boldt	01/08/20	(3.3) Perform fuzzy matching exercise to identify vendors in vendor master file with similar names to be included in payment sample, performed exercise over 126 out of 396 assigned vendors	3.3	\$ 325.00	\$ 1,072.50
Rachel Wagner-Kaiser	01/08/20	2.2 Finish rewriting sampling code for phase 2 data so that we are ready to go when the phase 2 reviewed data arrives (1.0) Prep materials, summary, communications, etc. to bring additional resources on board and up to speed with current status, tasks, etc.	3.2	\$ 475.00	\$ 1,520.00
Michelle Yeung	01/08/20	3.0 Evaluated SAP documentation for direct payments workstream to identify & confirm documents potentially containing a permitting/encroachment fine.	3.0	\$ 325.00	\$ 975.00
Michelle Yeung	01/08/20	3.0 Review of transactions along with supporting documentation for direct payments workstream, in particular, those identified during review as potentially containing a fine.	3.0	\$ 325.00	\$ 975.00
Kimberly Johnson	01/08/20	(2.5) Consolidate statistics/metrics for status meeting with client in the AM.	2.5	\$ 475.00	\$ 1,187.50
Kimberly Johnson	01/08/20	(2.0) Perform manager review, as of 1/8 of database cleanup performed by staff, specifically reviewing all transactions with a penalty document types, penalty type, and amount.	2.0	\$ 475.00	\$ 950.00
Michelle Yeung	01/08/20	2.0 Continued, from earlier on 1/8, to evaluate SAP documentation for direct payments workstream to identify & confirm documents potentially containing a permitting/encroachment fine.	2.0	\$ 325.00	\$ 650.00
Michelle Yeung	01/08/20	1.5 Continue, from earlier on 1/8, review of transactions along with supporting documentation for direct payments workstream, in particular, those identified during review as potentially containing a fine.	1.5	\$ 325.00	\$ 487.50
Eloise Pinto	01/08/20	(1.0) Meeting to discuss status for each workstream of the project to brief client in the AM, also discussing metrics to be used. Attendees: T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG),	1.0	\$ 475.00	\$ 475.00
Kimberly Johnson	01/08/20	(1.0) Update status deck with information for each workstream of the project to brief client in the AM. Create and verify metrics to be used. Attendees: T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG);	1.0	\$ 475.00	\$ 475.00
Kimberly Johnson	01/08/20	(1.0) Review status deck and metrics for tomorrow's client meeting. Attendees: J. Gonzalez III (Principal, KPMG);	1.0	\$ 475.00	\$ 475.00
Kimberly Johnson	01/08/20	(1.0) Provide guidance to staff to address issues encountered as of 1/8 to see what they are working on, progress, and any issues that have arisen;	1.0	\$ 475.00	\$ 475.00

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Name	Date	Description	Hours	Rate	Amount
Tabitha Gaustad	01/08/20	(1.0) Update status deck, as of 1/8, with information for each workstream of the project to brief client in the AM. Create and verify metrics to be used. Attendees:, K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG)	1.0	\$ 550.00	\$ 550.00
Eloise Pinto	01/08/20	(0.8) Status update on gathering statistics and analysis for work performed focusing on areas needing attention as of 1/8. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG),	0.8	\$ 475.00	\$ 380.00
Kimberly Johnson	01/08/20	(0.8) Status update on gathering statistics and analysis for work performed. Understanding where Contractor work needs attention. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG);	0.8	\$ 475.00	\$ 380.00
Angie Liang	01/08/20	0.5 Reviewed progress, as of 1/8, on retraining penalty models with phase 1 and phase 2 data, as well as annotations for penalty extraction model. The latter is now complete and will begin work on a rule based model, then progress to a line based classification model. We also discussed how to handle the document type issues that are arising given the nature of the different data sources (direct, indirect, P-card). Decided to move forward without changing model structure/classes, but wit flags for long documents and the understanding that we need to asses how the current model does with the multiple document type to determine whether changes would be suggested to the client moving forward.	0.5	\$ 325.00	\$ 162.50
David Hall	01/08/20	(0.5) Discussion with A. Liang regarding goals of projects, phase one activities and data, current state and high priority items, and next phase of data and modeling along with go-forward, specifically repo access, server access, and shared drive access. Other Attendee: R. Wagner-Kaiser (Manager, KPMG)	0.5	\$ 425.00	\$ 212.50
Rachel Wagner-Kaiser	01/08/20	(0.5) Discussion with D. Hall regarding goals of projects, phase one activities and data, current state and high priority items, and next phase of data and modeling along with go-forward, specifically repo access, server access, and shared drive access. Other Attendee: A. Liang (KPMG)	0.5	\$ 475.00	\$ 237.50
Ryan Tuggle	01/08/20	Meeting with R. Wagner (KPMG) and D. Hall (KPMG) and Y. Fu (KPMG) to A. Liang (KPMG) to introduce new team member and assign tasks.	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	01/08/20	Meeting with P. Tam (PG&E) to discuss how the P-card data for the permitting project can be linked back to the original request for P-card information (i.e., report keys, report legacy keys, file names)	0.5	\$ 550.00	\$ 275.00

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Name	Date	Description	Hours	Rate	Amount
David Hall	01/08/20	(0.3) Discussed additional contractor files and what needs to be done to include those results in our output for the phase I files. Discussed options for handling multiple documents in a single file either including in model, or excluding and flagging documents with lots of pages; will depend on performance. Reviewed changes that need to be made to sampling code in order to mesh with updated structure from phase 2 review output. Attendees: R. Wagner-Kaiser (Manager, KPMG),	0.3	\$ 425.00	\$ 127.50
Rachel Wagner-Kaiser	01/08/20	(0.3) Discussed additional contractor files and what needs to be done to include those results in our output for the phase I files. Discussed options for handling multiple documents in a single file either including in model, or excluding and flagging documents with lots of pages; will depend on performance. Reviewed changes that need to be made to sampling code in order to mesh with updated structure from phase 2 review output. Attendees: , D. Hall (Sr. Associate, KPMG)	0.3	\$ 475.00	\$ 142.50
Eloise Pinto	01/08/20	(0.2) Meeting to discuss linking Concur supporting files to the transaction listing extracted from SAP, acknowledge there are still files missing form 2018, and discuss timing on when to receive remaining 2018 files and 2019. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG), P. Tam (PG&E)	0.2	\$ 475.00	\$ 95.00
Kimberly Johnson	01/08/20	(0.2) Meeting to discuss linking Concur supporting files to the transaction listing extracted from SAP, acknowledge there are still files missing form 2018, and discuss timing on when to receive remaining 2018 files and 2019. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), E. Pinto(Manager, KPMG), P. Tam (PG&E);	0.2	\$ 475.00	\$ 95.00
Juan Gonzalez III	01/09/20	(0.5) Status meeting to review progress on Phase 2 work as of 1/9 . Discuss issues, status, and next steps. Attendees: T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG), C. Gleicher (PG&E), R. Chriss (PG&E). (1.0) Discussion regarding LJ Type Documents and reviewing correspondence from M. Jones. Attendees: K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG). (0.7) Type: Meeting, Subject: Discuss preliminary sample testing result and determine next steps. Attendees: K. Johnson (Manager, KPMG), Cliff Gleicher (PG&E), R. Chriss (PG&E). M. Jones (PG&E). (1.0) Subject: Review of sample testing in preparation for phase 2 status meeting. Attendees:. (1.0) Subject: Foundational review and analysis of P-card data in support of stratification consideration. Attendees:.	4.2	\$ 625.00	\$ 2,625.00

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Name	Date	Description	Hours	Rate	Amount
Stephen Greer	01/09/20	2.2 Phase 2 Fuzzy matching review of vendor names versus other potential similar names in database for completeness and data cleanup 143 out of 396 assigned vendors names reviewed ; 2.0 performed a missing document review for 28 out of 28 vendors assigned checking for uploaded documentation	4.2	\$ 475.00	\$ 1,995.00
Jonathan Boldt	01/09/20	(4.1) Perform fuzzy matching exercise to identify vendors in vendor master file with similar names to be included in payment sample, performed exercise over 187 out of 522 assigned vendors;	4.1	\$ 325.00	\$ 1,332.50
Angie Liang	01/09/20	0.8 Review business background for project set up ignite working environment 1.6 Transferred annotated data from shared drive to local machine for model enhancement and development 1.5 As precursor to beginning assigned task, review the codebase, existing models, model methodology	3.9	\$ 325.00	\$ 1,267.50
Nicole Tran	01/09/20	Identified / matched 270 contract vendors selected to a master contractor vendor list.	3.9	\$ 425.00	\$ 1,657.50
David Hall	01/09/20	Created annotations of penalty amounts from invoices for training penalty amount extraction model.	3.8	\$ 425.00	\$ 1,615.00
Eloise Pinto	01/09/20	(1.5) Separately corresponded with H. Fitzsimons (PG&E), M. Melina (PG&E), R. Chriss (PG&E), David Greenberg (PG&E), Cheri Ramirez (PG&E) regarding list of contractors for their line of business for the contractor review; (1.1) Corresponded with M. Jones (PG&E) regarding LI type documents related to the direct review; (1.2) Continued, as of 1/9, integrating work performed by staff to update the vendor master list for the contractor review.	3.8	\$ 475.00	\$ 1,805.00
Jonathan Boldt	01/09/20	(3.8) Perform fuzzy matching exercise to identify vendors in vendor master file with similar names to be included in payment sample, performed exercise over 183 out of 522 assigned vendors;	3.8	\$ 325.00	\$ 1,235.00
Michelle Yeung	01/09/20	3.8 -Created report/analysis of direct payments workstream to Lighthouse in support of machine learning algorithm.	3.8	\$ 325.00	\$ 1,235.00
David Hall	01/09/20	Continued, from earlier on 1/9, to create annotations of penalty amounts from invoices for training penalty amount extraction model.	3.7	\$ 425.00	\$ 1,572.50
Angie Liang	01/09/20	.6 Combined training / testing data from phase 1 and phase 2; 2.0 developed /enhanced the "penalty applies" model, concurrently making changes to the ignite package. 1.0 examined the initial model output of "penalty applies" model, comparing to manual review.	3.6	\$ 325.00	\$ 1,170.00

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Name	Date	Description	Hours	Rate	Amount
Rachel Wagner-Kaiser	01/09/20	0.5 Communications with IT Lighthouse tech team regarding obtaining access via PG&E required protocols for additional team members (1.0) Sample data for binary and multiclass penalty models using revamped code. Sample for both models to get training, testing, and validation sets. (1.0) Add annotations to both binary and multiclass datasets for training, testing, and validation. 0.5 Identify issues for some files that will need follow-up, either because of file type or because of missing data. 0.5 Draft thoughts on what our "story" looks like for the work that we have done, for crafting the story of our work / value	3.5	\$ 475.00	\$ 1,662.50
Michelle Yeung	01/09/20	3.4 - Review of transaction data, along with supporting documentation for direct payments workstream, in particular, those identified during review as potentially containing a fine.	3.4	\$ 325.00	\$ 1,105.00
Kimberly Johnson	01/09/20	(2.5) Reconcile vendor listing for 2019 P-Card transactions gathered in various client emails (1.0), Upload 500k 2019 P-Card transactions into SQL (1.0 , and extract matched results for testing (.5)	2.5	\$ 475.00	\$ 1,187.50
Kimberly Johnson	01/09/20	(1.5)Address Lighthouse 1/9 requests for data extracts;	1.5	\$ 475.00	\$ 712.50
Kimberly Johnson	01/09/20	(1.5) Prepare for client meeting to review any outstanding fine/penalty identification; specifically gathering supporting documents, creating summary sheet to review during meeting to share with meeting attendees prior to the meeting	1.5	\$ 475.00	\$ 712.50
Eloise Pinto	01/09/20	(1.0) Discussion regarding LJ Type Documents and correspondence from M. Jones (PG&E). Attendees: J. Gonzalez III (Principal, KPMG), K. Johnson (Manager, KPMG),	1.0	\$ 475.00	\$ 475.00
Kimberly Johnson	01/09/20	(1.0) Discussion regarding LJ Type Documents and reviewing correspondence from M. Jones Attendees: J. Gonzalez III (Principal, KPMG), E. Pinto (Manager, KPMG);	1.0	\$ 475.00	\$ 475.00
Kimberly Johnson	01/09/20	(1.0) Updated the database, as of 1/9, based on meeting results from client regarding outstanding fine/penalty identification reviewed in Phase 2.	1.0	\$ 475.00	\$ 475.00
Angie Liang	01/09/20	(0.5) Discussed current status of phase 2 data review, access to shared drive for new team member, and next steps to proceed on retraining the phase 1 models for the phase 2 data. Also reviewed the issues with the document labels for the phase 2 review data that will need to be remedied. Discussed process for analyzing performance of different models on different sets of data. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG),	0.5	\$ 325.00	\$ 162.50

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Name	Date	Description	Hours	Rate	Amount
David Hall	01/09/20	(0.5) Discussed current status of phase 2 data review, access to shared drive for new team member, and next steps to proceed on retraining the phase 1 models for the phase 2 data. Also reviewed the issues with the document labels for the phase 2 review data that will need to be remedied. Discussed process for analyzing performance of different models on different sets of data. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 425.00	\$ 212.50
Kimberly Johnson	01/09/20	(0.5) Status meeting to review progress on Phase 2 work as of 1/9. Discuss issues, status, and next steps. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), Cliff Gleicher (PG&E), R. Chriss (PG&E);	0.5	\$ 475.00	\$ 237.50
Rachel Wagner-Kaiser	01/09/20	(0.5) Discussed current status of phase 2 data review, access to shared drive for new team member, and next steps to proceed on retraining the phase 1 models for the phase 2 data. Also reviewed the issues with the document labels for the phase 2 review data that will need to be remedied. Discussed process for analyzing performance of different models on different sets of data. Attendees: R. Tuggle (Director, KPMG), D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Ryan Tuggle	01/09/20	(0.5) Discussed current status of phase 2 data review, access to shared drive for new team member, and next steps to proceed on retraining the phase 1 models for the phase 2 data. Also reviewed the issues with the document labels for the phase 2 review data that will need to be remedied. Discussed process for analyzing performance of different models on different sets of data. Attendees: , R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	01/09/20	(0.5) Status meeting to review progress on Phase 2 work as of 1/9. Discuss issues, status, next steps. Attendees: J. Gonzalez III (Principal, KPMG), K. Johnson (Manager, KPMG), Cliff Gleicher (PG&E), R. Chriss (PG&E);	0.5	\$ 550.00	\$ 275.00
Nicole Tran	01/09/20	Identified, concurrently matching 30 contract vendors selected to a master contractor vendor list.	0.3	\$ 425.00	\$ 127.50
Eloise Pinto	01/10/20	(0.9) Corresponded with G. Malman regarding large paving contractors for contractor review; (1.4) Reviewed documentation provided by M. Jones (PG&E) regarding DWR Bond Charges and LI type documents; (2.1) Reviewed, concurrently update contractor list for responses from PG&E as of 1/10	4.4	\$ 475.00	\$ 2,090.00

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Name	Date	Description	Hours	Rate	Amount
Angie Liang	01/10/20	1.0 Examined/ assessed data quality for bot phase 1 and phase 2 training and testing data. 2.9 Continued, as of 1/10, model development / enhancement of phase 2 "penalty applies" model.	3.9	\$ 325.00	\$ 1,267.50
Michelle Yeung	01/10/20	3.8 - Completed research of fee schedules along with support review to identify potential fines contained in 2 records with insufficient evidence in FB03	3.8	\$ 325.00	\$ 1,235.00
Angie Liang	01/10/20	3.6 Continued, from earlier on 1/10, model development / enhancement of phase 2 "penalty applies" model.	3.6	\$ 325.00	\$ 1,170.00
David Hall	01/10/20	Created rules based on annotations for penalty extraction model, concurrently documenting	3.3	\$ 425.00	\$ 1,402.50
Michelle Yeung	01/10/20	3.3 - Identified & updated review of support marked as containing multiple document types to reflect greater detail in support of machine learning workstream.	3.3	\$ 325.00	\$ 1,072.50
Kimberly Johnson	01/10/20	(1.6) Manager review, as of 1/10, of contractor fuzzy matches from staff to support pulling transactions for next portion of Phase 2 work. (1.0) Utilized accounting information from SAP for various contract transactions that have no support in order to get an idea what type of transactions are not showing support; (.4) Communicate via email with client regarding Phase 2 work reviews.	3.0	\$ 475.00	\$ 1,425.00
Jonathan Boldt	01/10/20	(2.5) Perform fuzzy matching exercise to identify vendors in vendor master file with similar names to be included in payment sample, performed exercise over 152 out of 522 assigned vendors	2.5	\$ 325.00	\$ 812.50
Rachel Wagner-Kaiser	01/10/20	(1.0) Document type model sample documents and prep for team member to review labels to ensure accuracy 1.5 Adjust "penalty type" sampling strategy as per the discussion earlier (leave some vendors out of training, add remaining documents in test/val)	2.5	\$ 475.00	\$ 1,187.50
Stephen Greer	01/10/20	Phase 2 Fuzzy matching review of vendor names versus other potential similar names in database for completeness, concurrently performing data cleanup 95 out of 396 assigned vendors names reviewed	2.1	\$ 475.00	\$ 997.50
Ryan Tuggle	01/10/20	1.0 Prepare update for project stakeholders. 1.0 Review Project financials forecast to confirm earned value keeping pace with spend.	2.0	\$ 550.00	\$ 1,100.00
David Hall	01/10/20	Continued, from earlier on 1/10, to create rules based on annotations for penalty extraction model, concurrently documenting	1.7	\$ 425.00	\$ 722.50
David Hall	01/10/20	Completed annotation of penalty amounts in invoices for training penalty amount extraction model.	1.5	\$ 425.00	\$ 637.50
Juan Gonzalez III	01/10/20	(.3) Communication with R. Chriss to address questions as of 1/10. Attendees: R. Chriss (PG&E). (1.0) Type: Meeting, Subject: Discuss progress on machine learning efforts. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG).	1.3	\$ 625.00	\$ 812.50

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Name	Date	Description	Hours	Rate	Amount
Michelle Yeung	01/10/20	1.3 - Continued, from earlier on 1/10, to identify/update review of support marked as containing multiple document types to reflect greater detail in support of machine learning workstream.	1.3	\$ 325.00	\$ 422.50
David Hall	01/10/20	Ran penalty extraction model to determine first pass results.	1.0	\$ 425.00	\$ 425.00
Rachel Wagner-Kaiser	01/10/20	(1.0) Reviewed summary that we want to craft for the client, the primary concerns we want to preempt, and what analyses need to be done to allay those concerns around model reliability and extensibility. Discussed in an investigation, need to be sensitive to false negatives; in operation, sensitive to generation of false positives. Discussed bias of sample (in stratification of payment amount as well as by vendor) and how an additional fully random sample may be an avenue to consider for showing model performance would look like in operation. Also reviewed current data sources and possibility of running current model on other data sources to determine what possible changes may be necessary in those cases. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG),	1.0	\$ 475.00	\$ 475.00
Angie Liang	01/10/20	(0.5) Discussed progress on retraining penalty models with phase 1 and phase 2 data, as well as annotations for penalty extraction model. The latter is now complete and will begin work on a rule based model, then progress to a line based classification model. We also discussed how to handle the document type issues that are arising given the nature of the different data sources (direct, indirect, P-card). Decided to move forward without changing model structure/classes, but with flags for long documents and the understanding that we need to asses how the current model does with the multiple document type to determine whether changes would be suggested to the client moving forward. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG)	0.5	\$ 325.00	\$ 162.50

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Gas and Electric Permitting Support Phase 2

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
David Hall	01/10/20	(0.5) Discussed progress on retraining penalty models with phase 1 and phase 2 data, as well as annotations for penalty extraction model. The latter is now complete and will begin work on a rule based model, then progress to a line based classification model. We also discussed how to handle the document type issues that are arising given the nature of the different data sources (direct, indirect, P-card). Decided to move forward without changing model structure/classes, but with flags for long documents and the understanding that we need to asses how the current model does with the multiple document type to determine whether changes would be suggested to the client moving forward. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 425.00	\$ 212.50
Rachel Wagner-Kaiser	01/10/20	(0.5) Reviewed progress on retraining penalty models with phase 1 and phase 2 data, as well as annotations for penalty extraction model. The latter is now complete and will begin work on a rule based model, then progress to a line based classification model. We also discussed how to handle the document type issues that are arising given the nature of the different data sources (direct, indirect, P-card). Decided to move forward without changing model structure/classes, but with flags for long documents and the understanding that we need to asses how the current model does with the multiple document type to determine whether changes would be suggested to the client moving forward. Attendees: R. Tuggle (Director, KPMG), D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Ryan Hoskins	01/13/20	2.9 Reviewed PG&E status update deck material focusing on engagement specifics as precursor to performing assigned tasks; 1.3 Began initial outline for final deliverable;	4.2	\$ 325.00	\$ 1,365.00
Angie Liang	01/13/20	(2.0) Developing the "retrain" on the "penalty applies" model, comparing the model result with previous models (1.6) Analyze the lumes along with the PDF files for the False Positive and False Negative documents	3.6	\$ 325.00	\$ 1,170.00
Angie Liang	01/13/20	(1.0) Review training / testing data for phase 2, concurrently flagging bad OCR files (2.0) Rework on preprocessing of the bad quality files, concurrently trouble shooting (0.5) continue, as of 1/13, developing the retrain "penalty applies" model	3.5	\$ 325.00	\$ 1,137.50
Michelle Yeung	01/13/20	3.3 - Created combined file listing of files Extracted & method of extraction for Lighthouse additional records and supporting documentation Extracted for Lighthouse workstream.	3.3	\$ 325.00	\$ 1,072.50

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Name	Date	Description	Hours	Rate	Amount
David Hall	01/13/20	3.1 Extract the context surrounding the penalty amount from the text data for each phase1 document containing an encroachment penalty (this is for annotation purposes to train an amount extraction model).	3.1	\$ 425.00	\$ 1,317.50
Kimberly Johnson	01/13/20	(3.1) Utilizing 2018 and 2019 P-Card transactions, perform comparison of differences in decisions made between 2018 and 2019 decisions by vendor, concurrently noting vendor \$ totals and counts.	3.1	\$ 475.00	\$ 1,472.50
David Hall	01/13/20	3.0 Aggregate all phase1 documents that contain an encroachment penalty.	3.0	\$ 425.00	\$ 1,275.00
Michelle Yeung	01/13/20	3.0 - Extracted PD document along with accounting details reports from SAP in support of additional Lighthouse review workstream.	3.0	\$ 325.00	\$ 975.00
Rachel Wagner-Kaiser	01/13/20	1.3 Analyze annotations by type and page length (is there a clear cutoff for "multiple" documents?); for penalty model, how many vendors are not in training but in test/val? (1.0) Update matching algorithm between review spreadsheet and file paths to uniquely match as many documents to rows in data as possible. Identify issues for resolution. 0.5 Put together slide on how "model confidence", aka probability, is calculated for XGBoost, what it means	2.8	\$ 475.00	\$ 1,330.00
Jonathan Boldt	01/13/20	(2.5) Identifying payments to contractors, concurrently noting supporting documentation to extract from SAP	2.5	\$ 325.00	\$ 812.50
Kimberly Johnson	01/13/20	(2.3) Pull statistics for status deck to provide to client on Phase 2 work (specifically stratifying results comparable to Phase 1 work, analyze GL Codes, transactions identified as penalties) concurrently create slide for work includes graphs and other information for client.	2.3	\$ 475.00	\$ 1,092.50
Eloise Pinto	01/13/20	Continued, as of 1/13, reviewing, concurrently updating contractor list for responses from PG&E for contractor review.	2.1	\$ 475.00	\$ 997.50
Kimberly Johnson	01/13/20	(2.1) Extract file listing for 925 transactions, concurrently reorganizing contractor file structure for ease of future use	2.1	\$ 475.00	\$ 997.50
Eloise Pinto	01/13/20	Continued, from earlier on 1/13, reviewing, concurrently updating contractor list for responses from PG&E for contractor review.	2.0	\$ 475.00	\$ 950.00
Jonathan Boldt	01/13/20	(2.0) Continue, from earlier on 1/13, identifying payments to contractors, concurrently extracting supporting documentation from SAP	2.0	\$ 325.00	\$ 650.00
Michelle Yeung	01/13/20	1.9 - Continued, from earlier on 1/13, to extract PD document along with accounting details reports from SAP in support of additional Lighthouse review workstream.	1.9	\$ 325.00	\$ 617.50

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Name	Date	Description	Hours	Rate	Amount
Juan Gonzalez III	01/13/20	0.5 – PG&E phase 2 – Type: Meeting, Subject: Review P-card vendor determination made by client. To determine the impact of responses that differ between 2018 and 2019. Attendees: T. Gaustad (Director, KPMG), Y. Fu (Manager, KPMG), K. Johnson (Manager, KPMG) 1.0 – PG&E phase 2 – Subject: Principal review of data analysis in regards to sampling as of 1/13	1.5	\$ 625.00	\$ 937.50
David Hall	01/13/20	1.0 Continued, from earlier on 1/13, extracting the context surrounding the penalty amount from the text data for each phase1 document containing an encroachment penalty (this is for annotation purposes to train an amount extraction model).	1.0	\$ 425.00	\$ 425.00
Stephen Greer	01/13/20	Phase 2 - Light House Access matching review of vendor names versus other potential similar names in database for completeness and data cleanup (102 / 565 Access Vendor Review complete)	1.0	\$ 475.00	\$ 475.00
Angie Liang	01/13/20	(0.5) Discussed storytelling and needs for tomorrow's discussion and development of template. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), R. Hoskins (Associate, KPMG)	0.5	\$ 325.00	\$ 162.50
David Hall	01/13/20	(0.5) Discussed storytelling and needs for tomorrow's discussion and development of template. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	0.5	\$ 425.00	\$ 212.50
Kimberly Johnson	01/13/20	(.5) Review P-card vendor determination made by client. To determine the impact of responses that differ between 2018 and 2019 Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), Y. Fu (Manager, KPMG),;	0.5	\$ 475.00	\$ 237.50
Rachel Wagner-Kaiser	01/13/20	(0.5) Discussed storytelling and needs for tomorrow's discussion and development of template. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Ryan Hoskins	01/13/20	(0.5) Discussed storytelling and needs for tomorrow's discussion and development of template. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 325.00	\$ 162.50
Ryan Tuggle	01/13/20	Meeting with R. Wagner (KPMG) and D. Hall (KPMG) and A. Lang (KPMG) to discuss outline for presenting model results.	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	01/13/20	(.5) Review P-card vendor determination made by client. To determine the impact of responses that differ between 2018 and 2019 Attendees: J. Gonzalez III (Principal, KPMG), Y. Fu (Manager, KPMG), K. Johnson (Manager, KPMG)	0.5	\$ 550.00	\$ 275.00

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Name	Date	Description	Hours	Rate	Amount
Yiwen Fu	01/13/20	(0.5) Discussed storytelling and needs for tomorrow's discussion and development of template. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Yiwen Fu	01/13/20	(.5) Review P-card vendor determination made by client. To determine the impact of responses that differ between 2018 and 2019 Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG)	0.5	\$ 475.00	\$ 237.50
Angie Liang	01/13/20	(0.4) Discussed: issues with OCR for a few of the penalty documents ; resolution to issue to adjust pipeline and rerun OCR for those handful of documents; options for changing model threshold and decision threshold, which needs further investigation; additional options might exist for tuning the model and attempting to improve performance. Attendees: R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG).	0.4	\$ 325.00	\$ 130.00
David Hall	01/13/20	(0.4) Discussed: issues with OCR for a few of the penalty documents ; resolution to issue to adjust pipeline and rerun OCR for those handful of documents; options for changing model threshold and decision threshold, which needs further investigation; additional options might exist for tuning the model and attempting to improve performance. Attendees: R. Wagner-Kaiser (Manager, KPMG), A. Liang (Associate, KPMG)	0.4	\$ 425.00	\$ 170.00
Rachel Wagner-Kaiser	01/13/20	(0.4) Discussed: issues with OCR for a few of the penalty documents ; resolution to issue to adjust pipeline and rerun OCR for those handful of documents; options for changing model threshold and decision threshold, which needs further investigation; additional options might exist for tuning the model and attempting to improve performance. Attendees: , D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.4	\$ 475.00	\$ 190.00
Rachel Wagner-Kaiser	01/13/20	(0.3) Met to discuss client, goals of projects, phase one activities and data, current state and high priority items, and next phase of data and modeling. Discussed next steps of focusing on deck template and developing storyline with R. Hoskins (Associate, KPMG)	0.3	\$ 475.00	\$ 142.50
Ryan Hoskins	01/13/20	Met to discuss client, goals of projects, phase one activities and data, current state and high priority items, and next phase of data and modeling. Discussed next steps of focusing on deck template and developing storyline with R. Wagner-Kaiser (Manager, KPMG)	0.3	\$ 325.00	\$ 97.50
Michelle Yeung	01/14/20	(4.6) - Reviewed supporting documentation for additional Lighthouse request records to identify any fines/penalties assessed as well as identification of document type (total 298).	4.6	\$ 325.00	\$ 1,495.00

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Name	Date	Description	Hours	Rate	Amount
Michelle Yeung	01/14/20	(4.1) - Completed manual / excel-assisted fuzzy matching analysis of contractor listing against database of all contractors to match contractors with vendor ID.	4.1	\$ 325.00	\$ 1,332.50
Jonathan Boldt	01/14/20	(3.9) Review payments by PG&E for Lighthouse team, manually recording any fines/penalties associated as well as labeling document types. Reviewed 61 out of 356 assigned payments;	3.9	\$ 325.00	\$ 1,267.50
Nicole Tran	01/14/20	Review of documents for the Lighthouse work flow to indicate what type of documents they are and if the documents contain any fines/ penalties. - 43 samples	3.9	\$ 425.00	\$ 1,657.50
Jonathan Boldt	01/14/20	(3.6) Review payments by PG&E for Lighthouse team, manually recording any fines/penalties associated as well as labeling document types. Reviewed 65 out of 356 assigned payments	3.6	\$ 325.00	\$ 1,170.00
Angie Liang	01/14/20	(3.0) Compare documents that are labeled as "No" for Penalty YN with the "Late Charge" language wit very similar documents that are labeled as 'Yes' for Penalty YN, concurrently noting examples for follow-up with Advisory team for more detail and clarification. (0.5) Continue, from earlier on 1/14, performing model retraining for the penalty model.	3.5	\$ 325.00	\$ 1,137.50
Rachel Wagner-Kaiser	01/14/20	2.4 Update all profiling slides to reflect current state of phase 2 data; 1.0 Fix files that had OCR issues by identifying issue, adjusting code, and rerunning the preprocessing on those lumes	3.5	\$ 475.00	\$ 1,662.50
Belal Abusaleh	01/14/20	Quality Control: Reviewed documentation for training, testing, validation sets (manually reviewed / updated (based on review) document type for 869 different documents (Invoice vs SAP vs Email etc.) to allow for proper training of document classifier model).	3.4	\$ 325.00	\$ 1,105.00
David Hall	01/14/20	3.4 Extract the amounts from the documents using the annotations write rules (heuristics with regular expressions)	3.4	\$ 425.00	\$ 1,445.00
Ryan Hoskins	01/14/20	3.3 Continued to prepare draft of PG&E final deliverable with the Summary, Problem, Solution Approach, Resolution, and methodology;	3.3	\$ 325.00	\$ 1,072.50
Angie Liang	01/14/20	(3.1) Continue, as of 1/14, development of the model retraining for the penalty model.	3.1	\$ 325.00	\$ 1,007.50
Belal Abusaleh	01/14/20	Quality Control: Continued, from earlier on 1/14, documentation for training, testing, validation sets (manually reviewed / updated (based on review) document type for 869 different documents (Invoice vs SAP vs Email etc.) to allow for proper training of document classifier model).	3.1	\$ 325.00	\$ 1,007.50
Eloise Pinto	01/14/20	(2.6) Continued, as of 1/14, preparing contractor list for indirect review; (0.5) Corresponded with P. Lutich (PG&E) and G. Malman (PG&E) regarding list of contractors for their line of business for the contractor review.	3.1	\$ 475.00	\$ 1,472.50

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Name	Date	Description	Hours	Rate	Amount
Kimberly Johnson	01/14/20	(1.6) Updated SQL database for 1131 new transactions requested for review. (1.0) Uploaded transaction, file listing, pdf doc report, concurrently mapping the report to the transactions and then mapped the files to the transactions. Assigned records. Reviewed and checked for any errors;	2.6	\$ 475.00	\$ 1,235.00
Kimberly Johnson	01/14/20	(.4) Review vendor transactions to determine which team can begin reviewing based on the stratifications determined for direct payment testing. (1.0) Analysis of 7100 transactions above \$1 million for doc types, sap doc numbers, and aggregate totals. (1.0) Review 67k payments <= \$0 for doc types, sap doc numbers, and aggregate totals.;	2.4	\$ 475.00	\$ 1,140.00
Ryan Hoskins	01/14/20	2.2 Began to review status update deck along with other materials related to the engagement as precursor to beginning assigned tasks	2.2	\$ 325.00	\$ 715.00
Bellamy Yoo	01/14/20	Performed PG&E Required Training on client site (data security) in order to be allowed to access their network	2.0	\$ 275.00	\$ 550.00
Bellamy Yoo	01/14/20	Performed PG&E Required Training on client site (document retention policy) in order to be allowed to access their network	2.0	\$ 275.00	\$ 550.00
David Hall	01/14/20	2.0 Utilizing the context data from all of the phase1 documents containing penalties, annotate each document with the correct amount and context information.	2.0	\$ 425.00	\$ 850.00
David Hall	01/14/20	1.6 Continue, from earlier on 1/14, to extract the amounts from the documents using the annotations write rules (heuristics with regular expressions)	1.6	\$ 425.00	\$ 680.00
Yiwen Fu	01/14/20	(1.5) Determine how transactions map to folders on the shared drive, i.e., which set of PDF documents corresponds to which sample population.	1.5	\$ 475.00	\$ 712.50
Ryan Tuggle	01/14/20	Developed requirements for additional analyst to assist with producing final report.	1.0	\$ 550.00	\$ 550.00
Stephen Greer	01/14/20	Phase 2 - Light House Access matching review of vendor names versus other potential similar names in database for completeness and data cleanup (95 / 565 Access Vendor Review complete)	1.0	\$ 475.00	\$ 475.00
Angie Liang	01/14/20	(0.5) Discussed: changes that need to be made to the model configuration file as well as the lume data elements in order to train a line by line classification model; example config and identified key areas that need to be changed; progress with "penalty applies" model. Attendees: R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG)	0.9	\$ 325.00	\$ 292.50

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Name	Date	Description	Hours	Rate	Amount
Michelle Yeung	01/14/20	(0.4) Type: Meeting Subject: Discussed further steps on procedure to obtain invoice support for a transaction from the City of Concord which did not have sufficient support in SAP attachments. Attendees: K. Johnson (Manager, KPMG), M. Yeung (Associate, KPMG) (.5) Type: Meeting Subject: Discussed questions from Lighthouse workstream on location and management of shared drive folders. Attendees: Y. Fu (Manager, KPMG), K. Johnson (Manager, KPMG), M. Yeung (Associate, KPMG)	0.9	\$ 325.00	\$ 292.50
Nicole Tran	01/14/20	Review of documents for the Lighthouse work flow to indicate what type of documents they are and if the documents contain any fines/ penalties. - 12 samples	0.7	\$ 425.00	\$ 297.50
Angie Liang	01/14/20	(0.5) Discussed: challenges in matching review tracker file names to correct folders; challenges with document type labeling and the changes/fixes in progress; approach to P-card data; Additionally, discussed approach to outlining and formatting story deck. Attendees: Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), R. Hoskins (Associate, KPMG)	0.5	\$ 325.00	\$ 162.50
David Hall	01/14/20	(0.5) Discussed: changes that need to be made to the model configuration file as well as the lume data elements in order to train a line by line classification model; example config and identified key areas that need to be changed; progress with "penalty applies" model. Attendees: R. Wagner-Kaiser (Manager, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 425.00	\$ 212.50
David Hall	01/14/20	(0.5) Discussed: challenges in matching review tracker file names to correct folders; challenges with document type labeling and the changes/fixes in progress; approach to P-card data; Additionally, discussed approach to outlining and formatting story deck. Attendees: Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	0.5	\$ 425.00	\$ 212.50
Eloise Pinto	01/14/20	(0.5) Discuss work stream progress, next steps for Phase 2 work as of 1/14. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG),	0.5	\$ 475.00	\$ 237.50
Eloise Pinto	01/14/20	(0.5) Discussed vendor series with PG&E personnel included in indirect vendor population; specifically, discussed U, W, 4 and 8 series vendors. Attendees: K. Johnson (Manager, KPMG), S. Perfetto (PG&E), C. Jackson (PG&E)	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	01/14/20	(.5) Reviewed city fee's, reconciling to total costs for City of Concord invoices listed as support for a transactions.	0.5	\$ 475.00	\$ 237.50

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Name	Date	Description	Hours	Rate	Amount
Kimberly Johnson	01/14/20	(.5) Discussed questions from Lighthouse work stream on location and management of shared drive folders. Attendees: Y. Fu (Manager, KPMG), M. Yeung (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	01/14/20	(0.5) Discuss work stream progress, next steps for Phase 2 work as of 1/14. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG)	0.5	\$ 475.00	\$ 237.50
Rachel Wagner-Kaiser	01/14/20	(0.5) Discussed: challenges in matching review tracker file names to correct folders; challenges with document type labeling and the changes/fixes in progress; approach to P-card data; Additionally, discussed approach to outlining and formatting story deck. Attendees: Y. Fu (Manager, KPMG), D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Rachel Wagner-Kaiser	01/14/20	(0.5) Discussed: changes that need to be made to the model configuration file as well as the lume data elements in order to train a line by line classification model; example config and identified key areas that need to be changed; progress with "penalty applies" model. Attendees: , D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Ryan Hoskins	01/14/20	(0.5) Discussed: challenges in matching review tracker file names to correct folders; challenges with document type labeling and the changes/fixes in progress; approach to P-card data; Additionally, discussed approach to outlining and formatting story deck. Attendees: Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 325.00	\$ 162.50
Tabitha Gaustad	01/14/20	(0.5) Discuss work stream progress, next steps for Phase 2 work as of 1/14. Attendees: J. Gonzalez III (Principal, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG)	0.5	\$ 550.00	\$ 275.00
Yiwen Fu	01/14/20	(0.5) Discussed: challenges in matching review tracker file names to correct folders; challenges with document type labeling and the changes/fixes in progress; approach to P-card data; Additionally, discussed approach to outlining and formatting story deck. Attendees: , R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	01/14/20	(0.3) Discussed further steps on procedure to obtain invoice support for a transaction from the City of Concord which did not have sufficient support in SAP attachments. Attendees:, M. Yeung (Associate, KPMG), Nicholas Babb (PG&E)	0.3	\$ 475.00	\$ 142.50
Juan Gonzalez III	01/14/20	(0.5) Discuss work stream progress, next steps for Phase 2 work as of 1/14. Attendees: T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG)	0.3	\$ 625.00	\$ 156.25

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Name	Date	Description	Hours	Rate	Amount
Michelle Yeung	01/15/20	4.8 - Reviewed supporting documentation for additional Lighthouse request records to identify any fines/penalties assessed (total 298 folders, averaging 5 files each).	4.8	\$ 325.00	\$ 1,560.00
Michelle Yeung	01/15/20	4.7 - Identified document type for supporting documentation in Access to support machine-learning workstream (total 298 folders).	4.7	\$ 325.00	\$ 1,527.50
Jonathan Boldt	01/15/20	(4.3) Review payments by PG&E for Lighthouse team, manually recording any fines/penalties associated as well as labeling document types. Reviewed 71 out of 356 assigned payments;	4.3	\$ 325.00	\$ 1,397.50
Jonathan Boldt	01/15/20	(4.2) Review payments by PG&E for Lighthouse team, manually recording any fines/penalties associated as well as labeling document types. Reviewed 70 out of 356 assigned payments	4.2	\$ 325.00	\$ 1,365.00
Nicole Tran	01/15/20	Review of documents for the Lighthouse work flow to indicate what type of documents they are and if the documents contain any fines/ penalties. - 45 samples	3.9	\$ 425.00	\$ 1,657.50
Angie Liang	01/15/20	(3.6) Began development of model retraining for document type model using bot phase 1 and phase 2 data.	3.6	\$ 325.00	\$ 1,170.00
Nicole Tran	01/15/20	Review of documents for the Lighthouse work flow to indicate what type of documents they are and if the documents contain any fines/ penalties. - 32 samples	3.6	\$ 425.00	\$ 1,530.00
Eloise Pinto	01/15/20	Preparation of memorandum summarizing findings on other system transactions (L document type) for direct review.	3.3	\$ 475.00	\$ 1,567.50
Ryan Hoskins	01/15/20	3.2 continued, as of 1/15, to prepare draft of PG&E final deliverable with the Summary, Problem, Solution Approach, Resolution, and methodology;	3.2	\$ 325.00	\$ 1,040.00
Kimberly Johnson	01/15/20	(3.1) Update status deck; specifically for 3 work streams and Lighthouse modeling, updating also based on discussions with manager, director, and partner regarding their work streams; also including additional statistics	3.1	\$ 475.00	\$ 1,472.50
Andrei Emelianov	01/15/20	Complete PG&E mandatory training (2019 Security & Privacy Awareness; 2019 Records & Info Management)	2.5	\$ 550.00	\$ 1,375.00
Angie Liang	01/15/20	(0.5) Transfer phase 2 annotations of document type into local working environment (2.0) Creation of assigned portion of training, testing and validation dataset for document type model development.	2.5	\$ 325.00	\$ 812.50
Rachel Wagner-Kaiser	01/15/20	0.8 Update deck with final status on data access, data prep, modeling, etc. 0.7 Debug annotations for penalty type, relabel lume data structure, and provide to team 0.5 Develop plan for next few weeks detailing who will concentrate on what, identify key dates for delivery of specific tasks 0.5 Communication with new team member regarding project, next steps as of 1/15	2.5	\$ 475.00	\$ 1,187.50

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January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Ryan Tuggle	01/15/20	(1.0) Meeting with R. Wagner (KPMG) and D. Hall (KPMG) and A. Lang (KPMG) to discuss data quality of penalty data. (1.5) Meeting with J. Gonzalez (KPMG) and R. Wagner (KPMG) to review status of presentation and classification models.	2.5	\$ 550.00	\$ 1,375.00
Ryan Hoskins	01/15/20	2.4 Reviewed existing documents in shared drive to begin analysis (inclusive of phase one and phase two data);	2.4	\$ 325.00	\$ 780.00
Stephen Greer	01/15/20	Phase 2 - Light House Access matching review of vendor names versus other potential similar names in database for completeness and data cleanup (176 / 565 Access Vendor Review complete)	2.1	\$ 475.00	\$ 997.50
Kimberly Johnson	01/15/20	(1.8) Review database based on talks with individual team members for areas where the support does not match the transactions listed in the database;	1.8	\$ 475.00	\$ 855.00
Faisal Khaled	01/15/20	1.6: Reviewed status updates along with model results documentation provided by R. Wagner, R. Hoskins (KPMG), to garner strong understanding of project, concurrently crafting plan for supporting deliverables.	1.6	\$ 425.00	\$ 680.00
Christopher Wong	01/15/20	(1.5) Completed client required training for data security and document retention policy.	1.5	\$ 325.00	\$ 487.50
Juan Gonzalez III	01/15/20	0.5 – PG&E phase 2 – Subject: Sampling review and analysis. 1.0 – PG&E phase 2 – Type: Meeting, Subject: Lighthouse modeling update. Attendees: T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG)	1.5	\$ 625.00	\$ 937.50
Kimberly Johnson	01/15/20	(1.5) As manager, address team member review questions as of 1/15	1.5	\$ 475.00	\$ 712.50
Kimberly Johnson	01/15/20	(1.2) Review 15 transactions from the machine learning data model and how the differences picked up from the machine correlate with our Phase 2 findings.	1.2	\$ 475.00	\$ 570.00
Angie Liang	01/15/20	(1.0) Discussed encroachment model need to check labeling tags in lume data format, but also may need review of document types due to consistency issues. If we do want to concentrate on penalty types, additional review of the "no"s will be needed. Document type review for document type model is completer and retraining can proceed on that model after labels are put into lumes. Outline of deck is wireframed and reviewed, discussed changes to some slides, some topics to hit on, and next steps for putting together style, messaging, and flow, wit specific content to be filled in later on. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), R. Hoskins (Associate, KPMG)	1.0	\$ 325.00	\$ 325.00

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Name	Date	Description	Hours	Rate	Amount
Rachel Wagner-Kaiser	01/15/20	(1.0) Discussed encroachment model need to check labeling tags in lume data format, but also may need review of document types due to consistency issues. If we do want to concentrate on penalty types, additional review of the "no"s will be needed. Document type review for document type model is completer and retraining can proceed on that model after labels are put into lumes. Outline of deck is wireframed and reviewed, discussed changes to some slides, some topics to hit on, and next steps for putting together style, messaging, and flow, wit specific content to be filled in later on. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	1.0	\$ 475.00	\$ 475.00
Ryan Hoskins	01/15/20	(1.0) Discussed encroachment model need to check labeling tags in lume data format, but also may need review of document types due to consistency issues. If we do want to concentrate on penalty types, additional review of the "no"s will be needed. Document type review for document type model is completer and retraining can proceed on that model after labels are put into lumes. Outline of deck is wireframed and reviewed, discussed changes to some slides, some topics to hit on, and next steps for putting together style, messaging, and flow, wit specific content to be filled in later on. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), A. Liang (Associate, KPMG)	1.0	\$ 325.00	\$ 325.00
Tabitha Gaustad	01/15/20	Director review of permitting analysis status reporting PPT to be shared with R. Chriss (PG&E)	1.0	\$ 550.00	\$ 550.00
Yiwen Fu	01/15/20	(1.0) Discussed encroachment model need to check labeling tags in lume data format, but also may need review of document types due to consistency issues. If we do want to concentrate on penalty types, additional review of the "no"s will be needed. Document type review for document type model is completer and retraining can proceed on that model after labels are put into lumes. Outline of deck is wireframed and reviewed, discussed changes to some slides, some topics to hit on, and next steps for putting together style, messaging, and flow, wit specific content to be filled in later on. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	1.0	\$ 475.00	\$ 475.00

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Name	Date	Description	Hours	Rate	Amount
Angie Liang	01/15/20	(0.9) Meeting to discuss topics for client presentation, including (a) differences between implementation for lookback vs business as usual , (b) anticipated performance for specific datasets, and (c) comparison of automated v. manual review. Also discussed modeling alternatives. Finally, discussed how our work may yield value in other areas. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), R. Hoskins (Associate, KPMG)	0.9	\$ 325.00	\$ 292.50
Faisal Khaled	01/15/20	(0.9) Meeting to discuss topics for client presentation, including (a) differences between implementation for lookback vs business as usual , (b) anticipated performance for specific datasets, and (c) comparison of automated v. manual review. Also discussed modeling alternatives. Finally, discussed how our work may yield value in other areas. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), R. Hoskins (Associate, KPMG)	0.9	\$ 425.00	\$ 382.50
Rachel Wagner-Kaiser	01/15/20	(0.9) Reviewed outline for story deck for client, including touching on main themes like how implementation would work for lookback vs business as usual (and what would need to happen for that rollout, in phases), what performance looks like for specific datasets (e.g., direct, indirect, P-card), and how human performance compares to the model (do we have examples where humans got it wrong?). Also discussed options on how to proceed with penalty models agreed to have additional review for the invoice labels for the "penalty type" model to be more effectual. Discussed how our work may tie back into broader themes (e.g. commercial leakage) and provide additional value for client. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	0.9	\$ 475.00	\$ 427.50
Ryan Hoskins	01/15/20	(0.9) Meeting to discuss topics for client presentation, including (a) differences between implementation for lookback vs business as usual , (b) anticipated performance for specific datasets, and (c) comparison of automated v. manual review. Also discussed modeling alternatives. Finally, discussed how our work may yield value in other areas. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), R. Hoskins (Associate, KPMG)	0.9	\$ 325.00	\$ 292.50

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Name	Date	Description	Hours	Rate	Amount
Yiwen Fu	01/15/20	(0.9) Meeting to discuss topics for client presentation, including (a) differences between implementation for lookback vs business as usual , (b) anticipated performance for specific datasets, and (c) comparison of automated v. manual review. Also discussed modeling alternatives. Finally, discussed how our work may yield value in other areas. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), R. Hoskins (Associate, KPMG)	0.9	\$ 475.00	\$ 427.50
Yiwen Fu	01/15/20	(0.6) Perform second review of a subset of Phase 2 extrapolation sample selected for building penalty model, concurrently addressing reviewers' questions about how to handle various scenarios.	0.6	\$ 475.00	\$ 285.00
Faisal Khaled	01/15/20	(0.5) Met to discuss client, goals of projects, phase one activities and data, current state and high priority items, and next phase of data and modeling. Discussed next steps of focusing on deck template and developing storyline. Attendees: R. Wagner-Kaiser (Manager, KPMG) R. Hoskins (Associate, KPMG)	0.5	\$ 425.00	\$ 212.50
Kimberly Johnson	01/15/20	(.5) Discuss work needed to assist the machine learning model based on the results of direct payments from Phase 2 work. Attendees: Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), N. Tran (Associate, KPMG);	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	01/15/20	(.5) Create P-Card file for partner to pull sample of data from;	0.5	\$ 475.00	\$ 237.50
Rachel Wagner-Kaiser	01/15/20	(0.5) Met to discuss client, goals of projects, phase one activities and data, current state and high priority items, and next phase of data and modeling. Discussed next steps of focusing on deck template and developing storyline. Attendees: , F. Khaled (Sr. Associate, KPMG), R. Hoskins (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Ryan Hoskins	01/15/20	(0.5) Met to discuss client, goals of projects, phase one activities and data, current state and high priority items, and next phase of data and modeling. Discussed next steps of focusing on deck template and developing storyline. Attendees: R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG)	0.5	\$ 325.00	\$ 162.50
Michelle Yeung	01/16/20	(4.1) - Reconciled results of Excel fuzzy matching analysis against manual matching completed by review team. ; (2.2) - Continued reviewed of supporting documentation for additional Lighthouse request records to identify any fines/penalties assessed as well as identification of document type, concurrently documenting findings	6.3	\$ 325.00	\$ 2,047.50
Michelle Yeung	01/16/20	(4.2) - Completed fuzzy matching analysis of contractor listing against database of all contractors to match contractors with vendor ID.	4.2	\$ 325.00	\$ 1,365.00

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Name	Date	Description	Hours	Rate	Amount
Nicole Tran	01/16/20	Review documents for building the penalty model previously indicated as invoice to determine if they are actual vendor invoices and if there are any penalties associated to the invoice - 49 samples	3.9	\$ 425.00	\$ 1,657.50
Angie Liang	01/16/20	(3.8) Continue, as of 1/16, development of the model retraining for document type model.	3.8	\$ 325.00	\$ 1,235.00
Juan Gonzalez III	01/16/20	0.5 – PG&E Phase 2 – Type: Meeting, Subject: Doc Types. Attendees: R. Chriss (PG&E), K. Johnson (Manager, KPMG). 0.8 – PG&E Phase 2 – Type: Meeting, Subject: KPMG Request. Attendees: T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG), K. Johnson (Manager, KPMG). 2.5 – PG&E Phase 2 – Type: Meeting, Subject: Stratification consideration and review of analysis for presentation to R. Chriss. Attendees: , K. Johnson (Manager, KPMG).	3.8	\$ 625.00	\$ 2,343.75
Andrei Emelianov	01/16/20	Vendor invoice information verification (based on review of supporting documentation) within the data entered into the database during review of direct vendor invoices for the purpose of creating an automation program able to recognize invoices and penalties within them (84 invoices).	3.5	\$ 550.00	\$ 1,925.00
Rachel Wagner-Kaiser	01/16/20	0.5 Planning and outlining major tasks and deadlines for the next few weeks (1.0) Run old models on all phases of datasets phase 1, phase 2, and phase 1+2 for each of the three models. Track accuracy, precision, recall metrics. (1.0) Finalize "penalty type" sampling strategy (leave some vendors out of training, add remaining documents in test/val) (1.0) Rerun OCR on additional documents identified as problematic. Relabel these documents, return them to their original train/test/val datasets and remove old versions. Make available on shared drive.	3.5	\$ 475.00	\$ 1,662.50
Jonathan Boldt	01/16/20	(3.4) Review payments by PG&E for Lighthouse team, manually recording any fines/penalties associated as well as labeling document types. Reviewed 66 out of 356 assigned payments	3.4	\$ 325.00	\$ 1,105.00
Kimberly Johnson	01/16/20	(3.4) Perform comparison of Phase 1 Data to Phase 2 to address PG&Es pending question using logic (specifically on the difference between Phase 1 findings and Phase 2 findings, stratifying results into 4 stratus for universe, sample, sample w/ support, sample w/out support, sample with penalties, penalties encroachment, penalties other for both Phase 1 and Phase 2), concurrently documenting percentage differences, extrapolation based on findings;	3.4	\$ 475.00	\$ 1,615.00
Ryan Hoskins	01/16/20	3.3 continued, as of 1/16, preparation of draft of PG&E final deliverable with the Summary, Problem, Solution Approach, Resolution, and methodology;	3.3	\$ 325.00	\$ 1,072.50
David Hall	01/16/20	3.0 Run the heuristic rules for penalty amount extraction over the test dataset from phase 1 documents.	3.0	\$ 425.00	\$ 1,275.00

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Name	Date	Description	Hours	Rate	Amount
Angie Liang	01/16/20	(2.8) Generated bad OCR documents by manually checking document type model training and testing dataset.	2.8	\$ 325.00	\$ 910.00
Ryan Hoskins	01/16/20	2.8 compiled data to capture key metrics for each phase. This information will be included in the final deliverable;	2.8	\$ 325.00	\$ 910.00
David Hall	01/16/20	2.6 Revise (fine-tune) rules, concurrently rerunning them over the test dataset (phase 1 documents with penalties) to extract penalty amount.	2.6	\$ 425.00	\$ 1,105.00
Kimberly Johnson	01/16/20	(2.6) Reviewed 163 transactions that did not have support in SAP, but should have, utilizing SAP and GL Account to determine the type of expense pulled in sample to determine if it could potentially contain a fine or penalty, concurrently comparing GL Account type results from Phase 1 and Phase 2 work, by vendor, extrapolating based on a \$ percentage the findings from Phase 2 what the total impact would be for these transactions missing support.	2.6	\$ 475.00	\$ 1,235.00
Nicole Tran	01/16/20	Review documents for building the penalty model previously indicated as invoice to determine if they are actual vendor invoices and if there are any penalties associated to the invoice - 23 samples	2.6	\$ 425.00	\$ 1,105.00
David Hall	01/16/20	2.0 Perform analysis to troubleshoot the errors (identify which amounts / contexts aren't being picked up as well as which rules need to be tuned).	2.5	\$ 425.00	\$ 1,062.50
Jonathan Boldt	01/16/20	(2.2) Review of "L" type document to evaluate where and how the transaction was debited and credited	2.2	\$ 325.00	\$ 715.00
Yiwen Fu	01/16/20	(2.1) Additional review of a subset of Phase 2 extrapolation sample selected for building penalty model, concurrently addressing reviewers' questions about how to handle various scenarios.	2.1	\$ 475.00	\$ 997.50
Stephen Greer	01/16/20	Phase 2 - Light House Access matching review of vendor names versus other potential similar names in database for completeness and data cleanup (192 / 565 Access Vendor Review complete)	2.0	\$ 475.00	\$ 950.00
Jonathan Boldt	01/16/20	(1.8) Perform research in SAP to identifying missing supporting documentation as of 1/16	1.8	\$ 325.00	\$ 585.00
Eloise Pinto	01/16/20	Separately corresponded with P. Lutich (PG&E) (.4), C. Guiman (PG&E)(.4), S. Perfetto (PG&E)(.4) and C. Jackson (PG&E) (.4) regarding questions, as of 1/16, related to the direct and indirect reviews.	1.6	\$ 475.00	\$ 760.00
Nicole Tran	01/16/20	Completed PG&E mandated records & security Trainings	1.5	\$ 425.00	\$ 637.50
Angie Liang	01/16/20	(1.0) Identify OCR quality issues from bot phase 1 and phase 2 data, including rotation issue, picture issue and etc.	1.0	\$ 325.00	\$ 325.00
Faisal Khaled	01/16/20	1.0: Developed PPT material summarizing project, to be delivered to PG&E post project completion	1.0	\$ 425.00	\$ 425.00
Faisal Khaled	01/16/20	1.0: Partially drafted an outline of a PPT presentation detailing project deliverables.	1.0	\$ 425.00	\$ 425.00

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Name	Date	Description	Hours	Rate	Amount
Jonathan Boldt	01/16/20	(1.0) Review payments by PG&E for Lighthouse team, manually recording any fines/penalties associated as well as labeling document types. Reviewed 23 out of 356 assigned payments	1.0	\$ 325.00	\$ 325.00
Kimberly Johnson	01/16/20	(1.0) Continued, as of 1/16, comparing of Phase 1 Data to Phase 2 to address PG&Es pending question using logic on the difference between Phase 1 findings and Phase 2 findings, concurrently stratifying results into 4 stratum for universe (sample, sample w/ support, sample w/out support, sample with penalties, penalties encroachment, penalties other)r for both Phase 1 and Phase 2, concurrently documenting percentage differences, extrapolating based on findings;	1.0	\$ 475.00	\$ 475.00
Ryan Tuggle	01/16/20	Added slides to template for final report.	1.0	\$ 550.00	\$ 550.00
Eloise Pinto	01/16/20	(0.7) Meeting to discuss direct vendor work stream and transactions without support in SAP (L type documents). Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG),	0.7	\$ 475.00	\$ 332.50
Tabitha Gaustad	01/16/20	Meeting to discuss direct vendor work stream and transactions without support in SAP (L type documents). Attendees: J. Gonzalez III (Principal, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG)	0.7	\$ 550.00	\$ 385.00
Eloise Pinto	01/16/20	Prepared for discussion with J. Gonzalez, T. Gaustad (KPMG), by reviewing data, regarding progress of reviews and outline of next steps for Phase 2 work as of 1/16.	0.5	\$ 475.00	\$ 237.50
Faisal Khaled	01/16/20	(0.5) Reviewed current iteration of deliverables deck, discussing approach for completing next iteration. Attendees: , R. Hoskins (Associate, KPMG)	0.5	\$ 425.00	\$ 212.50
Kimberly Johnson	01/16/20	(.5) Discuss comparison of Phase 1/Phase 2 findings by stratum to determine an explanation for the difference in findings. Attendees: J. Gonzalez III (Principal, KPMG),;	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	01/16/20	(.5) Discussed report timing, PG&E personnel changes, status of review of 6 other systems that contain supporting documents that are not in SAP, and the sampling results when comparing Phase 1 and Phase 2. Attendees: J. Gonzalez III (Principal, KPMG), R. Chriss (PG&E);	0.5	\$ 475.00	\$ 237.50
Ryan Hoskins	01/16/20	(0.5) Reviewed current iteration of deliverables deck, discussing approach for completing next iteration. Attendees: F. Khaled (Sr. Associate, KPMG)	0.5	\$ 325.00	\$ 162.50

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Name	Date	Description	Hours	Rate	Amount
Angie Liang	01/16/20	(0.4) Discussed updates on current status of document type and penalty extraction classifiers, and any current challenges with those models; current efforts in updating story deck outline and messaging; the plan for major tasks and goals in the context of our timeline for the next few weeks; impending new data and reviews that will add additional data to the mix. Attendees: Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), R. Hoskins (Associate, KPMG)	0.4	\$ 325.00	\$ 130.00
David Hall	01/16/20	(0.4) Discussed updates on current status of document type and penalty extraction classifiers, and any current challenges with those models; current efforts in updating story deck outline and messaging; the plan for major tasks and goals in the context of our timeline for the next few weeks; impending new data and reviews that will add additional data to the mix. Attendees: Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	0.4	\$ 425.00	\$ 170.00
Faisal Khaled	01/16/20	(0.4) Discussed updates on current status of document type and penalty extraction classifiers, and any current challenges with those models; current efforts in updating story deck outline and messaging; the plan for major tasks and goals in the context of our timeline for the next few weeks; impending new data and reviews that will add additional data to the mix. Attendees: Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	0.4	\$ 425.00	\$ 170.00
Rachel Wagner-Kaiser	01/16/20	(0.4) Discussed updates on current status of document type and penalty extraction classifiers, and any current challenges with those models; current efforts in updating story deck outline and messaging; the plan for major tasks and goals in the context of our timeline for the next few weeks; impending new data and reviews that will add additional data to the mix. Attendees: Y. Fu (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	0.4	\$ 475.00	\$ 190.00

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Name	Date	Description	Hours	Rate	Amount
Ryan Hoskins	01/16/20	0.4 Updates on current status of document type and penalty extraction classifiers, and any current challenges with those models. Reviewed current efforts in updating story deck outline and messaging. Discussed the plan for major tasks and goals in the context of our timeline for the next few weeks. Also discussed impending new data and reviews that will add additional data to the mix.:	0.4	\$ 325.00	\$ 130.00
Yiwen Fu	01/16/20	(0.4) Discussed updates on current status of document type and penalty extraction classifiers, and any current challenges with those models; current efforts in updating story deck outline and messaging; the plan for major tasks and goals in the context of our timeline for the next few weeks; impending new data and reviews that will add additional data to the mix. Attendees: , R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	0.4	\$ 475.00	\$ 190.00
Jonathan Boldt	01/17/20	(3.9) Review payments by PG&E for Lighthouse team, manually recording any fines/penalties associated as well as labeling document types. Reviewed 47 out of 123 assigned payments;	3.9	\$ 325.00	\$ 1,267.50
Nicole Tran	01/17/20	Review documents (43 samples) for building the penalty model previously indicated as invoice to determine if they are actual vendor invoices and if there are any penalties associated to the invoice -	3.9	\$ 425.00	\$ 1,657.50
Nicole Tran	01/17/20	Review documents (34 samples) for building the penalty model previously indicated as invoice to determine if they are actual vendor invoices and if there are any penalties associated to the invoice	3.7	\$ 425.00	\$ 1,572.50
Kimberly Johnson	01/17/20	(1.5) Update meeting log, organize shared folders, and review work performed by team related to PG&E. (2.0) Manually research names for 8 series vendors in SAP. 60+ vendors.	3.5	\$ 475.00	\$ 1,662.50
Andrei Emelianov	01/17/20	Vendor invoice information verification (based on review of supporting documentation) within the data entered into the database during review of direct vendor invoices for the purpose of creating an automation program able to recognize invoices and penalties within them (82 invoices).	3.4	\$ 550.00	\$ 1,870.00
Angie Liang	01/17/20	(3.4) Assess the data quality for penalty model, concurrently flagging documents with OCR quality issue.	3.4	\$ 325.00	\$ 1,105.00
Michelle Yeung	01/17/20	(3.3) - Continued, as of 1/17, to review supporting documentation for additional Lighthouse request records to identify any fines/penalties assessed as well as identification of document type (total 298 averaging 5 files each).	3.3	\$ 325.00	\$ 1,072.50
Michelle Yeung	01/17/20	(3.2) - Continued, from earlier on 1/17, to review (total 298) supporting documentation for additional Lighthouse request records to identify any fines/penalties assessed as well as identification of document type (total 298).	3.2	\$ 325.00	\$ 1,040.00

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Name	Date	Description	Hours	Rate	Amount
Angie Liang	01/17/20	(3.1) continue, as of 1/17, revisions to model retraining for document type model, trying to minimize the False Positive cases.	3.1	\$ 325.00	\$ 1,007.50
Jonathan Boldt	01/17/20	(3.1) Review payments by PG&E for Lighthouse team, manually recording any fines/penalties associated as well as labeling document types. Reviewed 37 out of 123 assigned payments	3.1	\$ 325.00	\$ 1,007.50
David Hall	01/17/20	3.0 Finalize the heuristic rules for phase 1 encroachment penalty data by grabbing the performance metrics of the rules based model.	3.0	\$ 425.00	\$ 1,275.00
Faisal Khaled	01/17/20	3.0: Finalized draft outline of PPT presentation detailing project deliverables and project summary, to be delivered to PG&E post project completion	3.0	\$ 425.00	\$ 1,275.00
Andrei Emelianov	01/17/20	Vendor invoice information verification (based on review of supporting documentation) within the data entered into the database during review of direct vendor invoices for the purpose of creating an automation program able to recognize invoices and penalties within them (70 invoices).	2.9	\$ 550.00	\$ 1,595.00
Ryan Hoskins	01/17/20	2.8 continued, as of 1/17, to prepare draft of PG&E final deliverable with the Summary, Problem, Solution Approach, Resolution, and methodology;	2.8	\$ 325.00	\$ 910.00
David Hall	01/17/20	2.2 collect negative examples from phase 1 documents to add to training / testing / and validation datasets.	2.2	\$ 425.00	\$ 935.00
Eloise Pinto	01/17/20	(1.4) Continued, as of 1/17, preparation of memorandum summarizing findings on other system transactions (L document type) relating to 2,000 transactions in the direct review; (0.5) Communication with C. Guiman (PG&E) regarding utility user tax transactions for direct review.	1.9	\$ 475.00	\$ 902.50
Juan Gonzalez III	01/17/20	1.0 Machine learning call regarding permitting with R. Tuggle (Director, KPMG), T. Gaustad (Director, KPMG) and R. Wagner-Kaiser (Manager, KPMG). Discussed document identification model, confidence level, model fit, measurement of precision. Discussed labeling of data..5 Discussed: current status of model performance for document type model and efforts around penalty extraction; status of two different review efforts; main topics that need to be addressed overfitting risk, performance evaluation, and model confidence; additional information (numbers, metrics, etc.) to be included in deck. Attendees: A. Emelianov (Director, KPMG), R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	1.5	\$ 625.00	\$ 937.50

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Name	Date	Description	Hours	Rate	Amount
Ryan Tuggle	01/17/20	1.0 Machine learning call regarding permitting with J. Gonzalez III (Partner, KPMG), T. Gaustad (Director, KPMG) and R. Wagner-Kaiser (Manager, KPMG). Discussed document identification model, confidence level, model fit, measurement of precision. Discussed labeling of data..5 Discussed: current status of model performance for document type model and efforts around penalty extraction; status of two different review efforts; main topics that need to be addressed overfitting risk, performance evaluation, and model confidence; additional information (numbers, metrics, etc.) to be included in deck. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG) (partial attendance)	1.5	\$ 550.00	\$ 825.00
Ryan Hoskins	01/17/20	1.2 Began creating visualization used for pipeline approach;	1.2	\$ 325.00	\$ 390.00
Angie Liang	01/17/20	(1.0) Discussed: current status of model performance for document type model and efforts around penalty extraction; status of two different review efforts; main topics that need to be addressed overfitting risk, performance evaluation, and model confidence; additional information (numbers, metrics, etc.) to be included in deck. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), R. Hoskins (Associate, KPMG)	1.0	\$ 325.00	\$ 325.00
David Hall	01/17/20	(1.0) Discussed: current status of model performance for document type model and efforts around penalty extraction; status of two different review efforts; main topics that need to be addressed overfitting risk, performance evaluation, and model confidence; additional information (numbers, metrics, etc.) to be included in deck. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	1.0	\$ 425.00	\$ 425.00
David Hall	01/17/20	(1.0) Run rules based model on the validation (holdout) dataset to confirm generalizability	1.0	\$ 425.00	\$ 425.00

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Name	Date	Description	Hours	Rate	Amount
Faisal Khaled	01/17/20	(1.0) Discussed: current status of model performance for document type model and efforts around penalty extraction; status of two different review efforts; main topics that need to be addressed overfitting risk, performance evaluation, and model confidence; additional information (numbers, metrics, etc.) to be included in deck. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG) A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	1.0	\$ 425.00	\$ 425.00
Rachel Wagner-Kaiser	01/17/20	(1.0) Discussed: current status of model performance for document type model and efforts around penalty extraction; status of two different review efforts; main topics that need to be addressed overfitting risk, performance evaluation, and model confidence; additional information (numbers, metrics, etc.) to be included in deck. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), R. Tuggle (Director, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	1.0	\$ 475.00	\$ 475.00
Ryan Hoskins	01/17/20	(1.0) Discussed: current status of model performance for document type model and efforts around penalty extraction; status of two different review efforts; main topics that need to be addressed overfitting risk, performance evaluation, and model confidence; additional information (numbers, metrics, etc.) to be included in deck. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	1.0	\$ 325.00	\$ 325.00
Tabitha Gaustad	01/17/20	Attended PG&E required training in order to be granted a LAN ID	1.0	\$ 550.00	\$ 550.00
Tabitha Gaustad	01/17/20	Machine learning call regarding permitting with J. Gonzalez III (Partner, KPMG), R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG). Discussed document identification model, confidence level, model fit, measurement of precision. Discussed labeling of data.	1.0	\$ 550.00	\$ 550.00
Yiwen Fu	01/17/20	(1.0) Obtain 2018 P-card transaction supporting documentation to provide to modelling team (.5). Follow up on current status of manual review (.5).	1.0	\$ 475.00	\$ 475.00
Rachel Wagner-Kaiser	01/17/20	0.9 Review penalty model documentation focusing on OCR issues or rotated pages.	0.9	\$ 475.00	\$ 427.50

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Name	Date	Description	Hours	Rate	Amount
Angie Liang	01/17/20	(0.5) Discuss: deck development and current status as of 1/17; additional sample requests; re-review of penalty documents that will be completed next week, Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), R. Hoskins (Associate, KPMG)	0.5	\$ 325.00	\$ 162.50
David Hall	01/17/20	(0.5) Discuss: deck development and current status as of 1/17; additional sample requests; re-review of penalty documents that will be completed next week, Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	0.5	\$ 425.00	\$ 212.50
Faisal Khaled	01/17/20	(0.5) Discuss: deck development and current status as of 1/17; additional sample requests; re-review of penalty documents that will be completed next week, Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG) A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	0.5	\$ 425.00	\$ 212.50
Faisal Khaled	01/17/20	0.5: Reviewed information protection policy (IPP) documentation, confirming understanding of IPP in an email to R. Tuggle, R. Wagner (KPMG).	0.5	\$ 425.00	\$ 212.50
Faisal Khaled	01/17/20	(0.5) Y. Fu provided an overview of KPMG's work with PG&E to date and how it pertains to development of advanced analytics, and answered questions from F. Khaled and R. Hoskins regarding the topic. Attendees: Y. Fu (Manager, KPMG) R. Hoskins (Associate, KPMG)	0.5	\$ 425.00	\$ 212.50
Rachel Wagner-Kaiser	01/17/20	(0.5) Discuss: deck development and current status as of 1/17; additional sample requests; re-review of penalty documents that will be completed next week, Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Ryan Hoskins	01/17/20	(0.5) Discuss: deck development and current status as of 1/17; additional sample requests; re-review of penalty documents that will be completed next week, Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 325.00	\$ 162.50
Ryan Hoskins	01/17/20	(0.5) Y. Fu provided an overview of KPMG's work with PG&E to date and how it pertains to development of advanced analytics, and answered questions from F. Khaled and R. Hoskins regarding the topic. Attendees: Y. Fu (Manager, KPMG), F. Khaled (Sr. Associate, KPMG)	0.5	\$ 325.00	\$ 162.50

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Name	Date	Description	Hours	Rate	Amount
Tabitha Gaustad	01/17/20	Assessment of outstanding items relating to Permitting Analysis as of 1/17 , concurrently developing assignment of tasks for team members.	0.5	\$ 550.00	\$ 275.00
Yiwen Fu	01/17/20	(0.5) Y. Fu provided an overview of KPMG's work with PG&E to date and how it pertains to development of advanced analytics, and answered questions from F. Khaled and R. Hoskins regarding the topic. Attendees: , F. Khaled (Sr. Associate, KPMG), R. Hoskins (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Yiwen Fu	01/17/20	(0.5) Discuss: deck development and current status as of 1/17; additional sample requests; re-review of penalty documents that will be completed next week, Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
David Hall	01/17/20	(0.3) Discussion regarding troubleshooting for line based classification model for penalty amount extraction. Attendees: R. Wagner-Kaiser (Manager, KPMG),	0.3	\$ 425.00	\$ 127.50
Rachel Wagner-Kaiser	01/17/20	(0.3) Discussion regarding troubleshooting for line based classification model for penalty amount extraction. Attendees: , D. Hall (Sr. Associate, KPMG)	0.3	\$ 475.00	\$ 142.50
Michelle Yeung	01/18/20	(3.0) - Reviewed supporting documentation for additional Lighthouse request; specifically review records to identify any fines/penalties assessed as well as identification of document type.	3.0	\$ 325.00	\$ 975.00
Andrei Emelianov	01/18/20	Vendor invoice information verification (based on review of supporting documentation) within the data entered into the database during review of direct vendor invoices for the purpose of creating an automation program able to recognize invoices and penalties within them (55 invoices).	2.3	\$ 550.00	\$ 1,265.00
Andrei Emelianov	01/18/20	Vendor invoice information verification (based on review of supporting documentation) within the data entered into the database during review of direct vendor invoices for the purpose of creating an automation program able to recognize invoices and penalties within them (48 invoices).	2.0	\$ 550.00	\$ 1,100.00
Michelle Yeung	01/18/20	(1.2) - Continued, from earlier on 1/18, review of supporting documentation for additional Lighthouse request; specifically review records to identify any fines/penalties assessed as well as identification of document type (total 298).	1.2	\$ 325.00	\$ 390.00
Kimberly Johnson	01/19/20	(3.5) QC 50 out of 70 Phase 2 transactions for machine learning review. Identifying if there is a fine/penalty, the amount, and all supporting document types. (.5) Look for other QC issues within the data including missing file types, labeling, and inconsistent reviewer identification of access drop downs used.	4.0	\$ 475.00	\$ 1,900.00

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Name	Date	Description	Hours	Rate	Amount
Nicole Tran	01/19/20	Review documents for building the penalty model (previously indicated) as invoice to determine if they are actual vendor invoices and if there are any penalties associated to the invoice - 40 samples	3.9	\$ 425.00	\$ 1,657.50
Jonathan Boldt	01/19/20	(3.3) Review payments by PG&E for Lighthouse team, manually recording any fines/penalties associated as well as labeling document types. Reviewed 39 out of 123 assigned payments	3.3	\$ 325.00	\$ 1,072.50
Andrei Emelianov	01/19/20	Vendor invoice information verification (based on review of supporting documentation) within the data entered into the database during review of direct vendor invoices for the purpose of creating an automation program able to recognize invoices and penalties within them (62 invoices).	2.6	\$ 550.00	\$ 1,430.00
Michelle Yeung	01/19/20	(2.6) - Continued, as of 1/19, review of supporting documentation for additional Lighthouse request records (298 folders (avg 5 files per) to identify any fines/penalties assessed as well as identification of document type .	2.6	\$ 325.00	\$ 845.00
Michelle Yeung	01/19/20	(2.5) - Continued, from earlier on 1/19, review of supporting documentation for additional Lighthouse request records (298 folders (avg 5 files per)) to identify any fines/penalties assessed as well as identification of document type .	2.5	\$ 325.00	\$ 812.50
Ryan Tuggle	01/19/20	Created template for executive version of final evaluation report	2.5	\$ 550.00	\$ 1,375.00
Stephen Greer	01/19/20	Phase 2 – Perform manager review of permit payments reviewed by first level reviewer for PG&E relating to 2018 and a portion of 2019 focusing on completeness. Completed 21 of assigned 21 assigned vendors to review.	2.0	\$ 475.00	\$ 950.00
Andrei Emelianov	01/19/20	Vendor invoice information verification (based on review of supporting documentation) within the data entered into the database during review of direct vendor invoices for the purpose of creating an automation program able to recognize invoices and penalties within them (36 invoices).	1.5	\$ 550.00	\$ 825.00
Ryan Tuggle	01/19/20	Continued, from earlier on 1/19, to create template for executive version of final evaluation report	1.5	\$ 550.00	\$ 825.00
Nicole Tran	01/19/20	Review documents for building the penalty model previously indicated as invoice to determine if they are actual vendor invoices and if there are any penalties associated to the invoice - 11 samples	1.1	\$ 425.00	\$ 467.50
Michelle Yeung	01/20/20	(4.7) - Continued, as of 1/20, database check of records reviewed in Phase 2 to identify any inconsistencies or missing information after first & second level review, concurrently resolving any records identified - including - records with missing file types, fines with no file indicated, fines with no text/amount, documents indicated as multiple	4.7	\$ 325.00	\$ 1,527.50

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Name	Date	Description	Hours	Rate	Amount
Michelle Yeung	01/20/20	(4.4) - Completed database check of records reviewed in Phase 2 to identify any inconsistencies or missing information after first & second level review, concurrently resolving any records identified - including - records with missing file types, fines with no file indicated, fines with no text/amount, documents indicated as multiple	4.4	\$ 325.00	\$ 1,430.00
Eloise Pinto	01/20/20	(2.5) Discussion with K. Johnson (KPMG) regarding status as of 1/20 and next steps for Phase 2 reviews (direct transaction review, indirect transaction review and p-card transaction review); (1.5) Reviewed and updated relevant work papers for direct transaction review;	4.0	\$ 475.00	\$ 1,900.00
Nicole Tran	01/20/20	Review documents (42 samples) for building the penalty model previously indicated as invoice to determine if they are actual vendor invoices and if there are any penalties associated to the invoice	3.9	\$ 425.00	\$ 1,657.50
Nicole Tran	01/20/20	Review documents (39 samples) for building the penalty model previously indicated as invoice to determine if they are actual vendor invoices and if there are any penalties associated to the invoice	3.9	\$ 425.00	\$ 1,657.50
Angie Liang	01/20/20	(1.0) Retrain document type model, as of 1/20, for bot phase1 and phase 2 data. (2.0) Generate model output, concurrently comparing model performance by running model on testing dataset and validation dataset (0.9) Continue, from earlier on 1/20, documenting quantitative errors for phase 2 document type model	3.9	\$ 325.00	\$ 1,267.50
Angie Liang	01/20/20	(3.6) Documented quantitative errors, as of 1/20, for phase 2 document type model	3.6	\$ 325.00	\$ 1,170.00
Andrei Emelianov	01/20/20	Vendor invoice information verification (based on review of supporting documentation) within the data entered into the database during review of direct vendor invoices for the purpose of creating an automation program able to recognize invoices and penalties within them (85 invoices).	3.4	\$ 550.00	\$ 1,870.00
Jonathan Boldt	01/20/20	(0.8) Meeting to discuss next steps on the project and upcoming deadlines. Attendees: Andrei Emelianov (Director, KPMG), Tabitha Gaustad (Director, KPMG), K. Johnson (Manager, KPMG), Eloise Pinto (Manager, KPMG) N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG) (2.6) Perform 2nd level quality check of review of payments by PG&E for Lighthouse team over fine/penalties / document types	3.4	\$ 325.00	\$ 1,105.00
Andrei Emelianov	01/20/20	Vendor invoice information verification (based on review of supporting documentation) within the data entered into the database during review of direct vendor invoices for the purpose of creating an automation program able to recognize invoices and penalties within them (72 invoices)	3.1	\$ 550.00	\$ 1,705.00
David Hall	01/20/20	3.0 Consolidate documents from phase 2 that contain penalties as well as negative examples.	3.0	\$ 425.00	\$ 1,275.00

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Name	Date	Description	Hours	Rate	Amount
David Hall	01/20/20	3.0 Manually collect amount / context data from each example of penalties from phase 2 dataset.	3.0	\$ 425.00	\$ 1,275.00
Rachel Wagner-Kaiser	01/20/20	0.5 Provided necessary information/comments for F. Khalid (KPMG) to continue crafting deck 1.5 Created and ran tests for visualizing overfitting effect with our own dataset (1.0) Resolve OCR issues in penalty model documents by isolating /rerunning those documents /integrating back into dataset with labels	3.0	\$ 475.00	\$ 1,425.00
Ryan Tuggle	01/20/20	Continued, as of 1/20, to prepare template for executive version of final evaluation report	3.0	\$ 550.00	\$ 1,650.00
Stephen Greer	01/20/20	Phase 2 – Perform manager review of permit payments reviewed by first level reviewer for PG&E relating to 2018 and a portion of 2019 focusing on completeness. Completed 36 of assigned 159 assigned vendors to review (2.0) also reviewed 23 vendors for missing documents(1.0)	3.0	\$ 475.00	\$ 1,425.00
Kimberly Johnson	01/20/20	(2.5) Perform manager review of 20 out of 70 Phase 2 transactions for machine learning review, concurrently determining if there is a fine/penalty, the amount, noting all supporting document types.	2.5	\$ 475.00	\$ 1,187.50
Andrei Emelianov	01/20/20	Vendor invoice information verification (based on review of supporting documentation) within the data entered into the database during review of direct vendor invoices for the purpose of creating an automation program able to recognize invoices and penalties within them (50 invoices).	2.1	\$ 550.00	\$ 1,155.00
Faisal Khaled	01/20/20	(2.0): Populated Evaluation Report PPT with aggregated data points.	2.0	\$ 425.00	\$ 850.00
Jonathan Boldt	01/20/20	Continue, from earlier on 1/20, to perform 2nd level quality check of review of payments by PG&E for Lighthouse team over fine/penalties / document types	2.0	\$ 325.00	\$ 650.00
Juan Gonzalez III	01/20/20	2.0 Principal review, as of 1/20, of P-card transaction analysis.	2.0	\$ 625.00	\$ 1,250.00
Faisal Khaled	01/20/20	(1.5): Developed graphics for Evaluation Report PPT to explain concepts of Overfitting in KPMG's model development work for PG&E	1.5	\$ 425.00	\$ 637.50
Faisal Khaled	01/20/20	(1.5) Reviewed executive summary slides: which numbers need to be aggregated for the totals (transactions, documents, training/test/holdout sets, vendor types, etc.). Discussed possible manifestations of visualization for model performance over time as additional data is added, and what details should be relegated to the appendix slides. Agreed that running some tests to visualize overfitting would be helpful. Also discussed possible strategies around addressing model confidence and performance on new data. Reviewed deck details, storyline, visuals, etc. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG),	1.5	\$ 425.00	\$ 637.50
Faisal Khaled	01/20/20	(1.5): Aggregated data related to model performance from KPMG project shared drive and documents provided by R. Wagner (KPMG)	1.5	\$ 425.00	\$ 637.50

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Name	Date	Description	Hours	Rate	Amount
Kimberly Johnson	01/20/20	(1.5) Extract related contractor payments to be used to pick sample.	1.5	\$ 475.00	\$ 712.50
Rachel Wagner-Kaiser	01/20/20	(1.5) Reviewed executive summary slides: which numbers need to be aggregated for the totals (transactions, documents, training/test/holdout sets, vendor types, etc.). Discussed possible manifestations of visualization for model performance over time as additional data is added, and what details should be relegated to the appendix slides. Agreed that running some tests to visualize overfitting would be helpful. Also discussed possible strategies around addressing model confidence and performance on new data. Reviewed deck details, storyline, visuals, etc. Attendees: R. Tuggle (Director, KPMG), F. Khaled (Sr. Associate, KPMG)	1.5	\$ 475.00	\$ 712.50
Ryan Tuggle	01/20/20	(1.5) Reviewed executive summary slides: which numbers need to be aggregated for the totals (transactions, documents, training/test/holdout sets, vendor types, etc.). Discussed possible manifestations of visualization for model performance over time as additional data is added, and what details should be relegated to the appendix slides. Agreed that running some tests to visualize overfitting would be helpful. Also discussed possible strategies around addressing model confidence and performance on new data. Reviewed deck details, storyline, visuals, etc. Attendees: , R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG)	1.5	\$ 550.00	\$ 825.00
Ryan Tuggle	01/20/20	Continued, from earlier on 1/20, to prepare template for executive version of final evaluation report	1.4	\$ 550.00	\$ 770.00
Faisal Khaled	01/20/20	(1.3): Developed graphics for Evaluation Report PPT to explain concepts of Confidence in KPMG's model development work.	1.3	\$ 425.00	\$ 531.25
Kimberly Johnson	01/20/20	(1.2) Address LH request for Direct sampling population, identifying those with support and those without.	1.2	\$ 475.00	\$ 570.00
David Hall	01/20/20	(1.0) calculate performance metrics for expanded phase 1 datasets using the rules based penalty extraction model.	1.0	\$ 425.00	\$ 425.00
Erin Vanderwall	01/20/20	Reviewed background details on the project as precursor to beginning assigned task (0.5) Attended walkthrough meeting regarding approach to reviewing P-card transactions for fines/fees (0.5)	1.0	\$ 425.00	\$ 425.00
Faisal Khaled	01/20/20	(1.0): Aggregated data points on sample selection details for Evaluation Report PPT	1.0	\$ 425.00	\$ 425.00
Andrei Emelianov	01/20/20	(0.8) Meeting to discuss next steps on the project as of 1/20 and upcoming deadlines. Attendees: T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG), J. Boldt (Associate, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG)	0.8	\$ 550.00	\$ 440.00

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Name	Date	Description	Hours	Rate	Amount
Eloise Pinto	01/20/20	(0.8) Meeting to discuss next steps, as of 1/20 ,on the project and upcoming deadlines. Attendees: A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG), J. Boldt (Associate, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG)	0.8	\$ 475.00	\$ 380.00
Kimberly Johnson	01/20/20	(0.8) Meeting to discuss next steps, as of 1/20 ,on the project and upcoming deadlines. Attendees: A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG), J. Boldt (Associate, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG)	0.8	\$ 475.00	\$ 380.00
Michelle Yeung	01/20/20	(0.8) Meeting to discuss next steps on the project and upcoming deadlines. Attendees: A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), S. Greer (Manager, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG), J. Boldt (Associate, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG)	0.8	\$ 325.00	\$ 260.00
Nicole Tran	01/20/20	(0.8) Meeting to discuss next steps, as of 1/20 ,on the project and upcoming deadlines. Attendees: A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG), J. Boldt (Associate, KPMG), M. Yeung (Associate, KPMG)	0.8	\$ 425.00	\$ 340.00
Nicole Tran	01/20/20	Review documentation for building the penalty model previously indicated as invoices to determine if they are actual vendor invoices and if there are any penalties associated to the invoice - 4 samples	0.6	\$ 425.00	\$ 255.00
Angie Liang	01/20/20	(0.5) Discussed: efforts to get rules written down and performance metrics solidified for comparison; resolution for OCR issues, and challenges with the false positive distinctions in the document type model; deck outline and specifics, but left details for longer working session. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG).	0.5	\$ 325.00	\$ 162.50
David Hall	01/20/20	0.5 Run phase 1 rules on phase 2 dataset, concurrently gathering performance metrics.	0.5	\$ 425.00	\$ 212.50
David Hall	01/20/20	(0.5) Discussed: efforts to get rules written down and performance metrics solidified for comparison; resolution for OCR issues, and challenges with the false positive distinctions in the document type model; deck outline and specifics, but left details for longer working session. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 425.00	\$ 212.50
Faisal Khaled	01/20/20	(0.5): Reviewed PPT template of Evaluation Report ("Evaluation Report PPT") sent by R. Tuggle (KPMG) to understand contents, in preparation for completing the template.	0.5	\$ 425.00	\$ 212.50

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Name	Date	Description	Hours	Rate	Amount
Faisal Khaled	01/20/20	(0.5): Curated list of data points needed to populate Evaluation Report PPT	0.5	\$ 425.00	\$ 212.50
Faisal Khaled	01/20/20	(0.5): Analyzed document repository on KPMG project shared drive focusing on structure in order to identify where to find needed data points to populate Evaluation Report PPT	0.5	\$ 425.00	\$ 212.50
Faisal Khaled	01/20/20	(0.5) Discussed: efforts to get rules written down and performance metrics solidified for comparison; resolution for OCR issues, and challenges with the false positive distinctions in the document type model; deck outline and specifics, but left details for longer working session. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG) A. Liang (Associate, KPMG)	0.5	\$ 425.00	\$ 212.50
Rachel Wagner-Kaiser	01/20/20	(0.5) Discussed: efforts to get rules written down and performance metrics solidified for comparison; resolution for OCR issues, and challenges with the false positive distinctions in the document type model; deck outline and specifics, but left details for longer working session. Attendees: R. Tuggle (Director, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Tabitha Gaustad	01/20/20	Partial attendance of meeting to discuss next steps on the project and upcoming deadlines. Attendees: A. Emelianov (Director, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG), J. Boldt (Associate, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG)	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	01/20/20	Director review of documentation prepared by the team documenting progress on payment review for the encroachment permitting project.	0.5	\$ 550.00	\$ 275.00
Eloise Pinto	01/21/20	Finalized schedule (3.4) and workpaper documentation for contractor list for indirect review for responses, as of 1/21, from PG&E lines of businesses; (0.7) Preliminarily selected sample of transactions for review.	4.1	\$ 475.00	\$ 1,947.50
Nicole Tran	01/21/20	Review documents for building the penalty model previously indicated as invoice to determine if they are actual vendor invoices and if there are any penalties associated to the invoice - 33 samples	3.9	\$ 425.00	\$ 1,657.50
Nicole Tran	01/21/20	Review documents for building the penalty model previously indicated as invoice to determine if they are actual vendor invoices and if there are any penalties associated to the invoice - 25 samples	3.8	\$ 425.00	\$ 1,615.00
Kimberly Johnson	01/21/20	Continued, from earlier on 1/21 (2nd),uploading P-Card transactions to the database (specifically updating the database by transaction, add vendors, test statistical stratums, reconcile to stratification (2.5) create excel file for reviews to identify which transactions picked for testing, pull missing 2018 / 2019 docs) (1.0)	3.5	\$ 475.00	\$ 1,662.50

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Name	Date	Description	Hours	Rate	Amount
Angie Liang	01/21/20	(3.0) Use preprocessing pipeline to re-OCR the flagged low quality lumes. (0.4) Perform debugging of the preprocessing pipeline.	3.4	\$ 325.00	\$ 1,105.00
Michelle Yeung	01/21/20	(3.3) Continued, as of 1/21, database check of records reviewed in Phase 2 to identify any inconsistencies or missing information after first & second level review, concurrently resolving any records identified - including - records with missing file types	3.3	\$ 325.00	\$ 1,072.50
Michelle Yeung	01/21/20	(3.2) Continued, from earlier on 1/21, database check of records reviewed in Phase 2 to identify any inconsistencies or missing information after first & second level review, concurrently resolving any records identified - including - records with missing file types	3.2	\$ 325.00	\$ 1,040.00
David Hall	01/21/20	3.1 Debug new rules by tuning them based on the output of phase 2 model.	3.1	\$ 425.00	\$ 1,317.50
Angie Liang	01/21/20	(3.0) Utilized preprocessed OCR quality elements (num of valid token, num of invalid token, fraction of valid token) to reassess the data quality (Flag lumes with <0.1 quality score for phase 2 document type model)	3.0	\$ 325.00	\$ 975.00
David Hall	01/21/20	3.0 Create new rules to expand coverage (lower false negatives) using the results of the phase 1 rules based model on the phase 2 data	3.0	\$ 425.00	\$ 1,275.00
Michelle Yeung	01/21/20	(3.0) Database check of records reviewed in Phase 2 to identify any inconsistencies or missing information after first & second level review, swapped PD document #'s, manual SAP lookup of Lighthouse transactions without support.	3.0	\$ 325.00	\$ 975.00
Stephen Greer	01/21/20	Phase 2 – Perform manager review of permit payments reviewed by first level reviewer for PG&E relating to 2018 and a portion of 2019 focusing on completeness. Completed 31 of assigned 159 assigned vendors to review.	3.0	\$ 475.00	\$ 1,425.00
Kimberly Johnson	01/21/20	(2.6) Continued, from earlier on 1/21, pulling in P-Card transactions to the database (specifically updating the database by transaction, pull in share drive file listing, add vendors, test statistical stratums, reconcile to stratification, create excel file for reviews to identify which transactions picked for testing, pull missing 2018 / 2019 docs)	2.6	\$ 475.00	\$ 1,235.00
Andrei Emelianov	01/21/20	Vendor invoice information verification (based on review of supporting documentation) within the data entered into the database during review of direct vendor invoices for the purpose of creating an automation program able to recognize invoices and penalties within them (60 invoices).	2.5	\$ 550.00	\$ 1,375.00
Andrei Emelianov	01/21/20	Vendor invoice information verification (based on review of supporting documentation) within the data entered into the database during review of direct vendor invoices for the purpose of creating an automation program able to recognize invoices and penalties within them (53 invoices).	2.2	\$ 550.00	\$ 1,210.00

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Name	Date	Description	Hours	Rate	Amount
Juan Gonzalez III	01/21/20	1.0 Meeting to discuss PG&E P-card sampling methodology and accompanying analysis. Attendees: T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG) 1.2 Type: Meeting, Subject: Lighthouse modeling update. Attendees: T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG).	2.2	\$ 625.00	\$ 1,375.00
Eloise Pinto	01/21/20	reconciling entry--need details	2.0	\$ 475.00	\$ 950.00
Faisal Khaled	01/21/20	(2.0): Created Excel workbook with data across model development workstream, with formulas auto populating tables to be pasted in Evaluation Report PPT.	2.0	\$ 425.00	\$ 850.00
Rachel Wagner-Kaiser	01/21/20	(1.0) Review document type model labels , concurrently reannotate the datasets with the updated OCR documents included 0.9 Gather remaining data points for deck as requested by F. Khaled	1.9	\$ 475.00	\$ 902.50
Faisal Khaled	01/21/20	(1.5): Addressed additional feedback on Evaluation Report PPT provided by R. Tuggle (KPMG), further fine tuning language and reformatting charts and graphics	1.5	\$ 425.00	\$ 637.50
Kimberly Johnson	01/21/20	(1.5) Continued, as of 1/21, pulling in P-Card transactions to the database (specifically updating the database by transaction, pull in share drive file listing, add vendors, test statistical stratums, reconcile to stratification, create excel file for reviews to identify which transactions picked for testing, pull missing 2018 / 2019 docs)	1.5	\$ 475.00	\$ 712.50
Angie Liang	01/21/20	(1.3) Reviewed current deck outline framing the issue wit BAU and lookback, profiling our modeling dataset(s), AI efforts, and recommendations. Discussed content and necessary changes to each slide. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG)	1.3	\$ 325.00	\$ 422.50
David Hall	01/21/20	(1.3) Reviewed current deck outline framing the issue with BAU and lookback, profiling our modeling dataset(s), AI efforts, and recommendations. Discussed content and necessary changes to each slide. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	1.3	\$ 425.00	\$ 552.50

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Name	Date	Description	Hours	Rate	Amount
Rachel Wagner-Kaiser	01/21/20	(1.3) Reviewed current deck outline framing the issue with BAU and lookback, profiling our modeling dataset(s), AI efforts, and recommendations. Discussed content and necessary changes to each slide. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	1.3	\$ 475.00	\$ 617.50
Ryan Tuggle	01/21/20	(1.3) Reviewed current deck outline framing the issue wit BAU and lookback, profiling our modeling dataset(s), AI efforts, and recommendations. Discussed content and necessary changes to each slide. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	1.3	\$ 550.00	\$ 715.00
Yiwen Fu	01/21/20	(1.3) Reviewed current deck outline framing the issue with BAU and lookback, profiling our modeling dataset(s), AI efforts, and recommendations. Discussed content and necessary changes to each slide. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	1.3	\$ 475.00	\$ 617.50
Faisal Khaled	01/21/20	(1.3): Compiled evaluation metrics from confusion matrices for Evaluation PPT recommendations slide.	1.3	\$ 425.00	\$ 531.25
Faisal Khaled	01/21/20	(1.3): Updated the Evaluation Report PPT utilizing comments provided by R. Tuggle (KPMG) as of 1/21; specifically reformatting graphics and charts and fine tuning language used.	1.3	\$ 425.00	\$ 531.25
Faisal Khaled	01/21/20	(1.3) Reviewed current deck outline framing the issue with BAU and lookback, profiling our modeling dataset(s), AI efforts, and recommendations. Discussed content and necessary changes to each slide. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG) A. Liang (Associate, KPMG)	1.3	\$ 425.00	\$ 531.25
Eloise Pinto	01/21/20	(1.0) Meeting to discuss PG&E P-card sampling methodology and accompanying analysis. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG),	1.0	\$ 475.00	\$ 475.00
Kimberly Johnson	01/21/20	(1.0) Update database for stratification of direct, LH Review, P-Card data concurrently reconciling Phase 2 sampling and reporting;	1.0	\$ 475.00	\$ 475.00

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Name	Date	Description	Hours	Rate	Amount
Kimberly Johnson	01/21/20	(1.0) Meeting to discuss PG&E P-card sampling methodology and accompanying analysis. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG)	1.0	\$ 475.00	\$ 475.00
Tabitha Gaustad	01/21/20	Discussion of P-card data and sample selection progress (report vs. transaction level), as well as extrapolation methodology, between J. Gonzalez (Principal, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG) and	1.0	\$ 550.00	\$ 550.00
Tabitha Gaustad	01/21/20	Discussion regarding computer assisted testing model effectiveness and metrics between J. Gonzalez (Principal, KPMG), R. Tuggle(Director, KPMG), Rachel Wagner (Manager, KPMG)	1.0	\$ 550.00	\$ 550.00
Erin Vanderwall	01/21/20	Analyzed 2 assigned P-card transactions (20182019)	0.5	\$ 425.00	\$ 212.50
Faisal Khaled	01/21/20	(0.5): Analyzed latest model performance metrics to identify best way to present in Evaluation Report PPT	0.5	\$ 425.00	\$ 212.50
Faisal Khaled	01/21/20	(0.5): Incorporate data into Evaluation Report PPT based on comments provided by R. Wagner (KPMG)	0.5	\$ 425.00	\$ 212.50
Faisal Khaled	01/21/20	(0.5): Developed new graphics for Evaluation Report PPT to explain concepts of overfitting and confidence as it relates to model development.	0.5	\$ 425.00	\$ 212.50
Tabitha Gaustad	01/21/20	Meeting between K. Johnson (Manager, KPMG), J. Strong (Manager, KPMG) and to discuss the design and content of the Access database designed to capture encroachment permit testing	0.5	\$ 550.00	\$ 275.00
Yiwen Fu	01/21/20	(0.5) Perform manager review of P-card transactions sampling stratification calculations.	0.5	\$ 475.00	\$ 237.50
Nicole Tran	01/21/20	Review documents for building the penalty model previously indicated as invoice to determine if they are actual vendor invoices and if there are any penalties associated to the invoice - 3 samples	0.4	\$ 425.00	\$ 170.00
Angie Liang	01/21/20	(0.3) Discussed ongoing debugging of lie classifier; LSTM model will be challenging without additional data; P-card transactions currently being processed, additional years of data coming soon; leveraging OCR quality metrics better in coming data quality reviews; availability of any high level population information. Attendees: Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG)	0.3	\$ 325.00	\$ 97.50
David Hall	01/21/20	(0.3) Discussed ongoing debugging of lie classifier; LSTM model will be challenging without additional data; P-card transactions currently being processed, additional years of data coming soon; leveraging OCR quality metrics better in coming data quality reviews; availability of any high level population information. Attendees: Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.3	\$ 425.00	\$ 127.50

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Name	Date	Description	Hours	Rate	Amount
David Hall	01/21/20	(0.3) Discuss troubleshooting for line based classification model for penalty amount extraction. Attendees: R. Wagner-Kaiser (Manager, KPMG),	0.3	\$ 425.00	\$ 127.50
Faisal Khaled	01/21/20	(0.3) Discussed ongoing debugging of lie classifier; LSTM model will be challenging without additional data; P-card transactions currently being processed, additional years of data coming soon; leveraging OCR quality metrics better in coming data quality reviews; availability of any high level population information. Attendees: Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG) A. Liang (Associate, KPMG)	0.3	\$ 425.00	\$ 127.50
Kimberly Johnson	01/21/20	(.3) Analyze / assign additional records to be reviewed at second level;	0.3	\$ 475.00	\$ 142.50
Rachel Wagner-Kaiser	01/21/20	(0.3) Troubleshooting for line based classification model for penalty amount extraction. Attendees: , D. Hall (Sr. Associate, KPMG)	0.3	\$ 475.00	\$ 142.50
Rachel Wagner-Kaiser	01/21/20	(0.3) Discussed ongoing debugging of lie classifier; LSTM model will be challenging without additional data; P-card transactions currently being processed, additional years of data coming soon; leveraging OCR quality metrics better in coming data quality reviews; availability of any high level population information. Attendees: Y. Fu (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.3	\$ 475.00	\$ 142.50
Yiwen Fu	01/21/20	(0.3) Discussed ongoing debugging of lie classifier; LSTM model will be challenging without additional data; P-card transactions currently being processed, additional years of data coming soon; leveraging OCR quality metrics better in coming data quality reviews; availability of any high level population information. Attendees: , R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.3	\$ 475.00	\$ 142.50
Faisal Khaled	01/21/20	(0.2) Reviewed final part of presentation, discussing possible alternative sources of overfitting, representation in our data. Attendees: R. Wagner-Kaiser (Manager, KPMG),	0.2	\$ 425.00	\$ 85.00
Kimberly Johnson	01/21/20	(.2) Extracted contract vendor payments for 2018 and 2019 based on vendor code from database. Provide via excel to concurring manager.	0.2	\$ 475.00	\$ 95.00
Rachel Wagner-Kaiser	01/21/20	(0.2) Reviewed final part of presentation, discussing possible alternative sources of overfitting, representation in our data. Attendees: , F. Khaled (Sr. Associate, KPMG)	0.2	\$ 475.00	\$ 95.00

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Name	Date	Description	Hours	Rate	Amount
Eloise Pinto	01/22/20	(2.0) Continued, as of 1/22, discussion with K. Johnson (KPMG) regarding next steps for Phase 2 reviews (direct transaction review, indirect transaction review and p-card transaction review); (1.6) Reviewed / updated relevant work paper documentation for indirect transaction review; (0.5) Discussed methods of obtaining documentation for P-Card review with K. Johnson (KPMG); (0.5) Discussed methods of obtaining documentation for indirect contractor review with K. Johnson	4.6	\$ 475.00	\$ 2,185.00
Nicole Tran	01/22/20	Review documents for building the penalty model previously indicated as invoice to determine if they are actual vendor invoices and if there are any penalties associated to the invoice - 39 samples	4.3	\$ 425.00	\$ 1,827.50
Ryan Tuggle	01/22/20	1.0 Meeting with J. Gonzalez (KPMG) to design recommendations portion of executive presentation. 1.3 Reviewed current status of deck. Discussed rearrangement of introductory slides, rotation of exploratory plots, and current status on reviews. Discussed F1 score, definition, use in presenting performance information on slides. Also reviewed placement/removal of pipeline diagram, penalty information that may be in SAP and could be leveraged. Discussed recommendations for step by step integration. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG). 0.8 Reviewed current status of asks for the deck, identified remaining/outstanding items (final counts for document characteristics, extraction model results for phase 2) to try to finish before 4pm call. Attendees: , R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG). (0.7) Discussed final numbers in deck and explanations of their derivation. Reviewed current approach to presenting the human model tradeoff in terms of manual effort vs model performance. Also discussed next step recommendations. Attendees: , R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG)	3.8	\$ 550.00	\$ 2,090.00
Michelle Yeung	01/22/20	3.7 - Continued LH Direct Payments review to identify & reconcile records identified as "maybe" containing a fine in review, classifying transactions relating to - resolved, No support, insufficient support, requiring further investigation, and requiring SAP check.	3.7	\$ 325.00	\$ 1,202.50

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Name	Date	Description	Hours	Rate	Amount
Nicole Tran	01/22/20	Review documents for building the penalty model previously indicated as invoice to determine if they are actual vendor invoices and if there are any penalties associated to the invoice - 29 samples	3.7	\$ 425.00	\$ 1,572.50
Rachel Wagner-Kaiser	01/22/20	2.2 Obtain counts of transactions, invoices, penalties, amounts, etc. across all intersecting datasets, attempting to obtain unique counts for PPT table 0.5 Collaborate with team to gather requisite additional information for PPT. Also reviewing how we might visualize and present the notion of coverage 0.5 investigate inconsistencies in document accounts across laptops 0.5 Annotate penalty documents with updated labels for modeling purposes and provide to team	3.7	\$ 475.00	\$ 1,757.50
Kimberly Johnson	01/22/20	(3.5) Identify other Contractor transactions for sampling, concurrently recording document number;	3.5	\$ 475.00	\$ 1,662.50
Angie Liang	01/22/20	(2.0) Continued, from earlier on 1/22, to address AdHoc request on Page Count / Keyword Could / Amount Count analysis for training/testing/validation datasets and phase 2 full population. (1.4) Working session with R. Wagner-Kaiser (Manager, KPMG) to identify the data inconsistency issue, resolve the data syncing issue	3.4	\$ 325.00	\$ 1,105.00
Kimberly Johnson	01/22/20	(3.4) Create Scripts for staff to utilize for the Gas and Electric permitting project in the next week: inclusive of scripts for QCing, importing data, assigning records, assigning quality control responsibilities	3.4	\$ 475.00	\$ 1,615.00
Michelle Yeung	01/22/20	3.3 - Continued, from earlier on 1/22, LH Direct Payments review to identify & reconcile records identified as "maybe" containing a fine in review, classifying transactions relating to - resolved, No support, insufficient support, requiring further investigation, and requiring SAP check.	3.3	\$ 325.00	\$ 1,072.50
Angie Liang	01/22/20	(3.0) Perform AdHoc request on Page Count / Keyword Could / Amount Count analysis for training/testing/validation datasets and phase 2 full population.	3.0	\$ 325.00	\$ 975.00
Erin Vanderwall	01/22/20	Analyzed 13 assigned P-card transactions (20182019)	3.0	\$ 425.00	\$ 1,275.00
Stephen Greer	01/22/20	Phase 2 – Perform manager review of permit payments reviewed by first level reviewer for PG&E relating to 2018 and a portion of 2019 focusing on completeness. Completed 29 of assigned 159 assigned vendors to review.	3.0	\$ 475.00	\$ 1,425.00
Faisal Khaled	01/22/20	(2.5): Aggregated data provided by team, as of 1/22, concurrently incorporating into Evaluation Report PPT.	2.5	\$ 425.00	\$ 1,062.50
David Hall	01/22/20	2.4 Aggregate P-Card dataset from Forensics share drive; concurrently transferring to server.	2.4	\$ 425.00	\$ 1,020.00

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Name	Date	Description	Hours	Rate	Amount
Juan Gonzalez III	01/22/20	1.0 – Type: Meeting, Subject: Progress on the machine learning proof of concept. Discussed how to best summarize the information to different audiences (management, executives, and the Board). Attendees: R. Tuggle (Director, KPMG). 1.3 – Type: Meeting, Subject: Working Group Review Revised Deck. Attendees: Tabitha Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG).	2.3	\$ 625.00	\$ 1,406.25
David Hall	01/22/20	2.0 Finalize results from phase 2 penalty amount extraction model	2.0	\$ 425.00	\$ 850.00
David Hall	01/22/20	2.0 Create strategy for document type model while developing plan for phase 3 documents;	2.0	\$ 425.00	\$ 850.00
Kimberly Johnson	01/22/20	(2.0) Review P-Card transaction stratification to match to record and dollar count sampled by partner. Update database to match on dollar value;	2.0	\$ 475.00	\$ 950.00
Nicole Tran	01/22/20	Review documents for building the penalty model previously indicated as invoice to determine if they are actual vendor invoices and if there are any penalties associated to the invoice - 21 samples	2.0	\$ 425.00	\$ 850.00
Faisal Khaled	01/22/20	(1.5): Updated Evaluation Report PPT, as of 1/22, based on action items from yesterday's meeting.	1.5	\$ 425.00	\$ 637.50
Faisal Khaled	01/22/20	(1.3) Reviewed current status of deck. Discussed rearrangement of introductory slides, rotation of exploratory plots, and current status on reviews. Discussed F1 score, definition, use in presenting performance information on slides. Also reviewed placement/removal of pipeline diagram, penalty information that may be in SAP and could be leveraged. Discussed recommendations for step by step integration. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager KPMG)	1.3	\$ 425.00	\$ 552.50
Rachel Wagner-Kaiser	01/22/20	(1.3) Reviewed current status of deck. Discussed rearrangement of introductory slides, rotation of exploratory plots, and current status on reviews. Discussed F1 score, definition, use in presenting performance information on slides. Also reviewed placement/removal of pipeline diagram, penalty information that may be in SAP and could be leveraged. Discussed recommendations for step by step integration. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), F. Khaled (Sr Associate KPMG)	1.3	\$ 475.00	\$ 617.50

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Case No. 19-30088

Gas and Electric Permitting Support Phase 2

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Yiwen Fu	01/22/20	(1.3) Reviewed current status of deck. Discussed rearrangement of introductory slides, rotation of exploratory plots, and current status on reviews. Discussed F1 score, definition, use in presenting performance information on slides. Also reviewed placement/removal of pipeline diagram, penalty information that may be in SAP and could be leveraged. Discussed recommendations for step by step integration. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG)	1.3	\$ 475.00	\$ 617.50
Andrei Emelianov	01/22/20	Reviewing supporting documentation for the sampled P-Card expense transactions for the purposes of identifying encroachment and other penalties, and entering relevant information in the database (30 transactions).	1.2	\$ 550.00	\$ 660.00
Kimberly Johnson	01/22/20	(1.0) Extract 75 P-Card transaction support manually utilizing Concur;	1.0	\$ 475.00	\$ 475.00
Michelle Yeung	01/22/20	3.3 - Completed LH Direct Payments review to identify & reconcile records identified as "maybe" containing a fine in review, classifying transactions relating to - resolved, No support, insufficient support, requiring further investigation, and requiring SAP check.	1.0	\$ 325.00	\$ 325.00
Tabitha Gaustad	01/22/20	Discussion regarding presentation containing updates regarding computer assisted testing model effectiveness and metrics between J. Gonzalez (Principal, KPMG), R. Tuggle (Director, KPMG), Rachel Wagner (Manager, KPMG) and	1.0	\$ 550.00	\$ 550.00
Angie Liang	01/22/20	(0.8) Reviewed current status of asks for the deck, identified remaining/outstanding items (final counts for document characteristics, extraction model results for phase 2) to try to finish before 4pm call. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG),	0.8	\$ 325.00	\$ 260.00
Angie Liang	01/22/20	(0.8) Discussed: asks for today for PowerPoint; challenges with regards to different datasets and labels, roadblocks of waiting on additional reviews, and needed changes and analyses to do today. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG)	0.8	\$ 325.00	\$ 260.00
David Hall	01/22/20	(0.8) Discussed: asks for today for PowerPoint; challenges with regards to different datasets and labels, roadblocks of waiting on additional reviews, and needed changes and analyses to do today. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.8	\$ 425.00	\$ 340.00

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Name	Date	Description	Hours	Rate	Amount
David Hall	01/22/20	(0.8) Reviewed current status of asks for the deck, identified remaining/outstanding items (final counts for document characteristics, extraction model results for phase 2) to try to finish before 4pm call. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.8	\$ 425.00	\$ 340.00
Faisal Khaled	01/22/20	(0.8) Reviewed current status of asks for the deck, identified remaining/outstanding items (final counts for document characteristics, extraction model results for phase 2) to try to finish before 4pm call. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG) A. Liang (Associate, KPMG)	0.8	\$ 425.00	\$ 340.00
Faisal Khaled	01/22/20	(0.8) Discussed: asks for today for PowerPoint; challenges with regards to different datasets and labels, roadblocks of waiting on additional reviews, and needed changes and analyses to do today. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG) A. Liang (Associate, KPMG)	0.8	\$ 425.00	\$ 340.00
Rachel Wagner-Kaiser	01/22/20	(0.8) Reviewed current status of asks for the deck, identified remaining/outstanding items (final counts for document characteristics, extraction model results for phase 2) to try to finish before 4pm call. Attendees: R. Tuggle (Director, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.8	\$ 475.00	\$ 380.00
Rachel Wagner-Kaiser	01/22/20	(0.8) Discussed: asks for today for PowerPoint; challenges with regards to different datasets and labels, roadblocks of waiting on additional reviews, and needed changes and analyses to do today. Attendees: R. Tuggle (Director, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.8	\$ 475.00	\$ 380.00
Faisal Khaled	01/22/20	(0.7) Discussed final numbers in deck and explanations of their derivation. Reviewed current approach to presenting the human model tradeoff in terms of manual effort vs model performance. Also discussed next step recommendations. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG).	0.7	\$ 425.00	\$ 297.50
Rachel Wagner-Kaiser	01/22/20	(0.7) Discussed final numbers in deck and explanations of their derivation. Reviewed current approach to presenting the human model tradeoff in terms of manual effort vs model performance. Also discussed next step recommendations. Attendees: R. Tuggle (Director, KPMG), F. Khaled (Sr. Associate, KPMG)	0.7	\$ 475.00	\$ 332.50
Kimberly Johnson	01/22/20	(0.6) Continued, as of 1/22, creating Scripts for staff to utilize when out for week. Include scripts for QCing, importing data, and assigning records, assigning QCing;	0.6	\$ 475.00	\$ 285.00

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Name	Date	Description	Hours	Rate	Amount
Faisal Khaled	01/22/20	(0.5): Aggregated newly acquired data as of 1/22, based on team discussion, for inclusion in Evaluation Report PPT.	0.5	\$ 425.00	\$ 212.50
Faisal Khaled	01/22/20	(0.5): Develop graphics for recommendations slide of Evaluation Report PPT.	0.5	\$ 425.00	\$ 212.50
Kimberly Johnson	01/22/20	(.5) Extract numbers for Tree creation of workstream stands;	0.5	\$ 475.00	\$ 237.50
Yiwen Fu	01/22/20	(0.5) Continue, as of 1/22, manager review of P-card transactions sampling stratification calculations.	0.5	\$ 475.00	\$ 237.50
Michelle Yeung	01/23/20	(4.7) - Completed LH Direct Payments review to identify & reconcile records identified as "maybe" containing a fine in review, classifying transactions relating to - resolved, No support, insufficient support, requiring further investigation, and requiring SAP check. (2.9) - Reviewed records identified by team members as possibly containing a fine during their review in order to verify validity of fines.	6.6	\$ 325.00	\$ 2,145.00
Eloise Pinto	01/23/20	(0.5) Tracked progress, as of 1/23, of reviewing team for indirect review and p-card review; (2.0) Extracted documentation for 150 P-Card reports in support of P-Card review from Concur System; (1.0) Met with N. Tran, E. Vanderwall (KPMG) to discuss indirect and P-card review; (1.0) Facilitated P-card review by fielding questions from reviewers escalated on 1/23; (0.2) Follow-up with P. Tam (PG&E) regarding methods of obtaining p-card documentation for p-card review. (0.4) Perform process to obtain VPN access for PG&E laptops being used by KPMG personnel.	5.1	\$ 475.00	\$ 2,422.50
Angie Liang	01/23/20	(3.9) Re-ran the preprocessing pipeline, as of 1/23, on bad quality lumes from phase 2 full population	3.9	\$ 325.00	\$ 1,267.50
Nicole Tran	01/23/20	Review of P-card work stream samples to match expenses to support files and to indicate if the selected transaction contains a fine or penalty. 58 samples	3.9	\$ 425.00	\$ 1,657.50
Nicole Tran	01/23/20	Review of P-card work stream samples to match expenses to support files and to indicate if the selected transaction contains a fine or penalty. 42 samples	3.9	\$ 425.00	\$ 1,657.50
Stephen Greer	01/23/20	Phase 2 – Perform manager review of permit payments reviewed by first level reviewer for PG&E relating to 2018 and a portion of 2019 focusing on completeness. Completed 60 of assigned 159 assigned vendors to review.	3.9	\$ 475.00	\$ 1,852.50
Angie Liang	01/23/20	(1.5) Reannotated assigned portion of training/testing/validation datasets using updated deliverable files, as of 1/23, for document type and penalty models (1.0) Uploaded the datasets updated as of 1/23 onto the shared drive (1.1) Retrain assigned portion of the "penalty type" model using updated phase 1 and phase 2 dataset	3.6	\$ 325.00	\$ 1,170.00

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Name	Date	Description	Hours	Rate	Amount
Rachel Wagner-Kaiser	01/23/20	1.0 Investigate why false negatives may have happened for previous version of penalty model 0.5 Document challenges in entire pipeline to provide additional nuance and insight into the process of building the models and pipeline 0.8 Write code to match transaction IDs in review to folder structure and determine file counts of PDFs 0.8 Started adjusting annotation code for new dataset	3.1	\$ 475.00	\$ 1,472.50
Juan Gonzalez III	01/23/20	0.5 – Subject: Review of final presentation and supporting documentation in preparation for presenting to executive sponsor. Attendees: 1.0 – Type: Meeting, Subject: Review Revised Deck. Attendees: T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), 0.5 Type: Meeting, Subject: Supporting documentation from SAP for a payment to the County of Sacramento. Attendees: T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG), K. Johnson (Manager, KPMG). 0.5 Meeting to discuss next steps on the project and upcoming deadlines. Attendees: T. Gaustad (Director, KPMG), Y. Fu (Manager, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG), J. Boldt (Associate, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG). 0.5 Meeting to discuss project status and upcoming board presentation. Attendees: K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG), Cliff Gleicher (PG&E), R. Chriss (PG&E).	3.0	\$ 625.00	\$ 1,875.00
Kimberly Johnson	01/23/20	(3.0) Pull 200 P-Card support files manually from Concur.	3.0	\$ 475.00	\$ 1,425.00
Ryan Tuggle	01/23/20	Revised content of final evaluation report	3.0	\$ 550.00	\$ 1,650.00
Erin Vanderwall	01/23/20	Reviewed 11 assigned P-card transactions (20182019)	2.9	\$ 425.00	\$ 1,232.50
Rachel Wagner-Kaiser	01/23/20	0.5 Analyze/determine high priority tasks for today and tomorrow and communicating those to team 0.5 Revise spreadsheets for additional review of full transaction subset 1.5 Identify, concurrently reprocessed OCR issues in phase 3 dataset. 0.5 Aggregate specific numbers as requested by R. Tuggle for different breakdown of datasets and phases and penalty subsets	2.8	\$ 475.00	\$ 1,330.00
Andrei Emelianov	01/23/20	Reviewing supporting documentation for the sampled P-Card expense transactions for the purposes of identifying encroachment and other penalties, and entering relevant information in the database (60 transactions).	2.5	\$ 550.00	\$ 1,375.00
David Hall	01/23/20	2.5 Performed preprocessing of all P-Card data (specifically OCR, NLP tasks, create lume data structures).	2.5	\$ 425.00	\$ 1,062.50

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Name	Date	Description	Hours	Rate	Amount
David Hall	01/23/20	2.5 Transfer P-Card preprocessed documents to Lighthouse Share drive (in preparation for running the documents through the pipeline with all models).	2.5	\$ 425.00	\$ 1,062.50
Kimberly Johnson	01/23/20	(2.5) Finalize/create workstream trees with manager. Pull in counts and dollar values and build out next steps;	2.5	\$ 475.00	\$ 1,187.50
Kimberly Johnson	01/23/20	(2.5) Update database and create new queries for staff to use while out next week;	2.5	\$ 475.00	\$ 1,187.50
David Hall	01/23/20	1.5 Examine output of 1/23 preprocessing to confirm validity	1.5	\$ 425.00	\$ 637.50
Faisal Khaled	01/23/20	(1.5): Developed Excel workbook to calculate distribution of document characteristics to be used to populate charts in Evaluation Report PPT.	1.5	\$ 425.00	\$ 637.50
Michelle Yeung	01/23/20	(1.2) - Extracted reports/analysis (normalized, and non-normalized) of records reviewed in support of Lighthouse workstream.	1.2	\$ 325.00	\$ 390.00
Nicole Tran	01/23/20	Review of P-card work stream samples to match expenses to support files and to indicate if the selected transaction contains a fine or penalty. 10 samples	1.1	\$ 425.00	\$ 467.50
David Hall	01/23/20	1.0 Re-run documents with issues in order to fix errors identified.	1.0	\$ 425.00	\$ 425.00
Faisal Khaled	01/23/20	(1.0): Entered latest model performance metrics, as of 1/23, into Evaluation Report PPT	1.0	\$ 425.00	\$ 425.00
Faisal Khaled	01/23/20	(1.0): Revised Evaluation Report PPT, as of 1/23, based on review comments from R. Tuggle (KPMG)	1.0	\$ 425.00	\$ 425.00
Michelle Yeung	01/23/20	(0.5) Meeting to discuss next steps on the project and upcoming deadlines. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), Y. Fu (Manager, KPMG), S. Greer (Manager, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG), J. Boldt (Associate, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG) (0.5) - Type: Meeting Subject: Concur Pcard Pull Instructions Attendees: K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG), M. Yeung (Associate, KPMG), P. Tam (PG&E).	1.0	\$ 325.00	\$ 325.00
Rachel Wagner-Kaiser	01/23/20	(1.0) Reviewed current status of deck. Discussed F1 scores and presentation as well as current status on datasets and challenges in labels and modeling. Reviewed FP and FN from previous iteration of penalty model development; hope to have updated numbers tomorrow. Discussed recommendations for step by step integration. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), D. Hall (Sr. Associate, KPMG)	1.0	\$ 475.00	\$ 475.00

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Name	Date	Description	Hours	Rate	Amount
Ryan Tuggle	01/23/20	(1.0) Reviewed current status of deck. Discussed F1 scores and presentation as well as current status on datasets and challenges in labels and modeling. Reviewed FP and FN from previous iteration of penalty model development; hope to have updated numbers tomorrow. Discussed recommendations for step by step integration. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG)	1.0	\$ 550.00	\$ 550.00
Tabitha Gaustad	01/23/20	(1.0) Reviewed current status of deck. Discussed F1 scores and presentation as well as current status on datasets and challenges in labels and modeling. Reviewed FP and FN from previous iteration of penalty model development; hope to have updated numbers tomorrow. Discussed recommendations for step by step integration. Attendees: J. Gonzalez III (Principal, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG)	1.0	\$ 550.00	\$ 550.00
Yiwen Fu	01/23/20	(1.0) Reviewed current status of deck. Discussed F1 scores and presentation as well as current status on datasets and challenges in labels and modeling. Reviewed FP and FN from previous iteration of penalty model development; hope to have updated numbers tomorrow. Discussed recommendations for step by step integration. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG)	1.0	\$ 475.00	\$ 475.00
Angie Liang	01/23/20	(0.5) Discussed immediate needs around additional labeling of transaction level information, possibility of reviewing penalty extraction amounts for no extraction penalties if time allows. Also reviewed edge cases of multiple invoices in new annotations provided by Nikki yesterday (multiple invoices adding to total in single transaction), which should not affect the model in the current setup. Reviewed next steps for finalizing phase 2 datasets and finalizing preprocessing for phase 3 datasets. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG)	0.5	\$ 325.00	\$ 162.50

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Name	Date	Description	Hours	Rate	Amount
David Hall	01/23/20	(0.5) Discussed immediate needs around additional labeling of transaction level information, possibility of reviewing penalty extraction amounts for no extraction penalties if time allows. Also reviewed edge cases of multiple invoices in new annotations provided by Nikki yesterday (multiple invoices adding to total in single transaction), which should not affect the model in the current setup. Reviewed next steps for finalizing phase 2 datasets and finalizing preprocessing for phase 3 datasets. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 425.00	\$ 212.50
Eloise Pinto	01/23/20	(0.5) Meeting to discuss next steps on the project, as of 1/23 and upcoming deadlines. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), Y. Fu (Manager, KPMG), K. Johnson (Manager, KPMG), J. Boldt (Associate, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Eloise Pinto	01/23/20	(0.5) Meeting to discuss project status and upcoming board presentation. Attendees: J. Gonzalez III (Principal, KPMG), K. Johnson (Manager, KPMG), Cliff Gleicher (PG&E), R. Chriss (PG&E)	0.5	\$ 475.00	\$ 237.50
Faisal Khaled	01/23/20	(0.5): Input data into Evaluation Report PPT as of 1/23, concurrently formatting charts	0.5	\$ 425.00	\$ 212.50
Faisal Khaled	01/23/20	(0.5): Updated the Evaluation Report PPT deck Artificial Intelligence slide based on team feedback as of 1/23.	0.5	\$ 425.00	\$ 212.50
Faisal Khaled	01/23/20	(0.5) Discussed immediate needs around additional labeling of transaction level information, possibility of reviewing penalty extraction amounts for no extraction penalties if time allows. Also reviewed edge cases of multiple invoices in new annotations provided by Nikki yesterday (multiple invoices adding to total in single transaction), which should not affect the model in the current setup. Reviewed next steps for finalizing phase 2 datasets and finalizing preprocessing for phase 3 datasets. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG) A. Liang (Associate, KPMG)	0.5	\$ 425.00	\$ 212.50
Jeffrey Strong	01/23/20	Meeting between K. Johnson (Manager, KPMG), J. Strong (Manager, KPMG) and T. Gaustad (Director, KPMG) to discuss the design and content of the Access database designed to capture encroachment permit testing	0.5	\$ 475.00	\$ 237.50

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Name	Date	Description	Hours	Rate	Amount
Jonathan Boldt	01/23/20	(0.5) Meeting to discuss next steps on the project and upcoming deadlines. Attendees: Juan Gonzalez III (Principal, KPMG), Tabitha Gaustad (Director, KPMG), Y. Fu (Manager, KPMG), K. Johnson (Manager, KPMG), Eloise Pinto (Manager, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG)	0.5	\$ 325.00	\$ 162.50
Nicole Tran	01/23/20	Meeting, as of 1/23, to discuss next steps on the Permitting project and upcoming deadlines. Attendees: J. Gonzalez III, T. Gaustad, Y. Fu, S. Greer, K. Johnson, E. Pinto, J. Boldt, N. Tran, M. Yeung (KPMG)	0.5	\$ 425.00	\$ 212.50
Rachel Wagner-Kaiser	01/23/20	(0.5) Discussed immediate needs around additional labeling of transaction level information, possibility of reviewing penalty extraction amounts for no extraction penalties if time allows. Also reviewed edge cases of multiple invoices in new annotations provided by Nikki yesterday (multiple invoices adding to total in single transaction), which should not affect the model in the current setup. Reviewed next steps for finalizing phase 2 datasets and finalizing preprocessing for phase 3 datasets. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Ryan Tuggle	01/23/20	(0.5) Discussed immediate needs around additional labeling of transaction level information, possibility of reviewing penalty extraction amounts for no extraction penalties if time allows. Also reviewed edge cases of multiple invoices in new annotations provided by Nikki yesterday (multiple invoices adding to total in single transaction), which should not affect the model in the current setup. Reviewed next steps for finalizing phase 2 datasets and finalizing preprocessing for phase 3 datasets. Attendees: , Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	01/23/20	Meeting to discuss next steps on the project and upcoming deadlines. Attendees: J. Gonzalez III (Principal, KPMG), Y. Fu (Manager, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG), J. Boldt (Associate, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG)	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	01/23/20	Meeting between K. Johnson (Manager), J. Strong (Manager), T. Gaustad (Director)	0.5	\$ 550.00	\$ 275.00

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Name	Date	Description	Hours	Rate	Amount
Yiwen Fu	01/23/20	(0.5) Meeting to discuss next steps on the project and upcoming deadlines. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG), J. Boldt (Associate, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Yiwen Fu	01/23/20	(0.5) Discussed immediate needs around additional labeling of transaction level information, possibility of reviewing penalty extraction amounts for no extraction penalties if time allows. Also reviewed edge cases of multiple invoices in new annotations provided by Nikki yesterday (multiple invoices adding to total in single transaction), which should not affect the model in the current setup. Reviewed next steps for finalizing phase 2 datasets and finalizing preprocessing for phase 3 datasets. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Juan Gonzalez III	01/23/20	0.3 – Principal review of draft presentation for client;	0.3	\$ 625.00	\$ 187.50
Faisal Khaled	01/23/20	(.3): After 1/23 team meeting, revised Evaluation Report PPT document characteristics graphic based on meeting discussion.	0.3	\$ 425.00	\$ 106.25
Nicole Tran	01/24/20	Review of P-card work stream samples to match expenses to support files and to indicate if the selected transaction contains a fine or penalty. 47 samples	3.9	\$ 425.00	\$ 1,657.50
Nicole Tran	01/24/20	Review of P-card work stream samples to match expenses to support files and to indicate if the selected transaction contains a fine or penalty. 34 samples	3.7	\$ 425.00	\$ 1,572.50
Michelle Yeung	01/24/20	(3.3) - Perform set-up of master database to import p-card sample supporting documentation into SQL for review.	3.3	\$ 325.00	\$ 1,072.50
Angie Liang	01/24/20	(0.5) Created model performance metric (confusion metric) to provide to the team (2.7) Ran the "penalty type" model on the testing dataset (phase 1 and phase 2), updated as of 1/24, generating model output, concurrently comparing model performance.	3.2	\$ 325.00	\$ 1,040.00
Eloise Pinto	01/24/20	(0.5) Tracked progress of reviewing team, as of 1/24, for indirect review and p-card review; (1.5) Determine staff allocation for manual indirect and p-card reviews in order to accommodate client deadlines/request; (1.1) Facilitated P-card review by fielding questions from reviewers escalated on 1/24;	3.1	\$ 475.00	\$ 1,472.50
Angie Liang	01/24/20	(3.0) Continue, as of 1/23, training "penalty type" model using phase 1 and phase 2 model	3.0	\$ 325.00	\$ 975.00
David Hall	01/24/20	3.0 Examine phase 3 data, concurrently transferring to server for preprocessing	3.0	\$ 425.00	\$ 1,275.00

EXHIBIT C16

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Gas and Electric Permitting Support Phase 2

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Eloise Pinto	01/24/20	(3.0) Extracted documentation for 150 P-Card reports in support of P-Card review from Concur System;	3.0	\$ 475.00	\$ 1,425.00
Erin Vanderwall	01/24/20	Reviewed /analyzed 20 assigned P-card transactions (20182019)	3.0	\$ 425.00	\$ 1,275.00
Kimberly Johnson	01/24/20	(3.0) Address questions of reviewers, as of 1/24, related to P-Card data review.	3.0	\$ 475.00	\$ 1,425.00
Andrei Emelianov	01/24/20	Reviewing supporting documentation for the sampled P-Card expense transactions for the purposes of identifying encroachment and other penalties, and entering relevant information in the database (67 transactions).	2.8	\$ 550.00	\$ 1,540.00
Kimberly Johnson	01/24/20	(2.8) Pull in new Contractor transactions to be used for sampling.	2.8	\$ 475.00	\$ 1,330.00
Erin Vanderwall	01/24/20	Reviewed /analyzed 15 assigned P-card transactions (20182019)	2.5	\$ 425.00	\$ 1,062.50
Rachel Wagner-Kaiser	01/24/20	0.8 Root cause analysis why are some files missing and which ones 0.7 Match PDF counts with transaction ids to get unique files 1.0 Finalize phase 3 datasets	2.5	\$ 475.00	\$ 1,187.50
Andrei Emelianov	01/24/20	Reviewing supporting documentation for the sampled P-Card expense transactions for the purposes of identifying encroachment and other penalties, and entering relevant information in the database (58 transactions).	2.4	\$ 550.00	\$ 1,320.00
Michelle Yeung	01/24/20	(2.1) - Perform set-up of master database to import p-card sample supporting documentation into SQL for review.	2.1	\$ 325.00	\$ 682.50
David Hall	01/24/20	2.0 Perform preprocessing of phase 3 dataset (OCR, NLP, lume data structures).	2.0	\$ 425.00	\$ 850.00
Juan Gonzalez III	01/24/20	1.0 – Type: Meeting, Subject: Lighthouse modeling update. Attendees: T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG). 1.0 – Type: Meeting, Subject: Contractor sample, next steps and transition. Attendees: T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG).	2.0	\$ 625.00	\$ 1,250.00
Stephen Greer	01/24/20	Phase 2 SAP Document Manuel Pull - extracted 151/300 documents requested	2.0	\$ 475.00	\$ 950.00
Kimberly Johnson	01/24/20	(1.7) Pull together universe/sampling number for LH request.	1.7	\$ 475.00	\$ 807.50
Michelle Yeung	01/24/20	(0.5) Meeting to discuss PG&E Pcard review status and share observations and questions with the review team. Attendees: A. Emelianov (Director, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG), M. Yeung (Associate, KPMG), N. Tran (Associate, KPMG), E. Vanderwall (KPMG) (1.2) - Discussion of SQL queries related to management of master database including assigning reviewers, random selection of QC, and stratification reports.	1.7	\$ 325.00	\$ 552.50
David Hall	01/24/20	1.2 Examine data preprocessed as of 1/24, concurrently addressing any issues identified.	1.2	\$ 425.00	\$ 510.00

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Case No. 19-30088

Gas and Electric Permitting Support Phase 2

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Angie Liang	01/24/20	(1.0) Discuss assessment of prioritization of next models and analysis given short timeframe, challenges around OCR and preprocessing issues, validation, sequential workflow on for BAU evaluation. Attendees: J. Gonzalez III (Principal, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG)	1.0	\$ 325.00	\$ 325.00
David Hall	01/24/20	(1.0) Discuss assessment of prioritization of next models and analysis given short timeframe, challenges around OCR and preprocessing issues, validation, sequential workflow on for BAU evaluation. Attendees: J. Gonzalez III (Principal, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	1.0	\$ 425.00	\$ 425.00
Faisal Khaled	01/24/20	(1.0): Developed outline for new PPT presentation to be delivered to PG&E data science team.	1.0	\$ 425.00	\$ 425.00
Faisal Khaled	01/24/20	(1.0) Discuss assessment of prioritization of next models and analysis given short timeframe, challenges around OCR and preprocessing issues, validation, sequential workflow on for BAU evaluation. Attendees: J. Gonzalez III (Principal, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	1.0	\$ 425.00	\$ 425.00
Rachel Wagner-Kaiser	01/24/20	(1.0) Discuss assessment of prioritization of next models and analysis given short timeframe, challenges around OCR and preprocessing issues, validation, sequential workflow on for BAU evaluation. Attendees: J. Gonzalez III (Principal, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	1.0	\$ 475.00	\$ 475.00
Ryan Tuggle	01/24/20	(1.0) Discuss assessment of prioritization of next models and analysis given short timeframe, challenges around OCR and preprocessing issues, validation, sequential workflow on for BAU evaluation. Attendees: J. Gonzalez III (Principal, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	1.0	\$ 550.00	\$ 550.00
Tabitha Gaustad	01/24/20	Meeting between J. Gonzalez III (Principal, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG) and regarding contractor sample, data collection, next steps and transition during Kim's planned vacation.	1.0	\$ 550.00	\$ 550.00

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January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Yiwen Fu	01/24/20	(1.0) Discuss assessment of prioritization of next models and analysis given short timeframe, challenges around OCR and preprocessing issues, validation, sequential workflow on for BAU evaluation. Attendees: J. Gonzalez III (Principal, KPMG), R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	1.0	\$ 475.00	\$ 475.00
Angie Liang	01/24/20	(0.8) Discussed: immediate needs for deck development of 1/2 slides for exec summary in additional to 4 slides for board; current status of Batch C datasets and prioritization of models (classification over penalty extraction for now). Will need to run transaction level review once annotations are ready (start on Monday). Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG)	0.8	\$ 325.00	\$ 260.00
David Hall	01/24/20	(0.8) Discussed: immediate needs for deck development of 1/2 slides for exec summary in additional to 4 slides for board; current status of Batch C datasets and prioritization of models (classification over penalty extraction for now). Will need to run transaction level review once annotations are ready (start on Monday). Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.8	\$ 425.00	\$ 340.00
Faisal Khaled	01/24/20	(0.8) Reviewed immediate needs for deck development of 1/2 slides for executive summary in additional to 4 slides for board, start to outline 812 slides for DS team. Discussed current status of Batch C datasets and prioritization of models (classification over penalty extraction for now). Will need to run transaction level review once annotations are ready (start on Monday). Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.8	\$ 425.00	\$ 340.00
Rachel Wagner-Kaiser	01/24/20	(0.8) Reviewed immediate needs for deck development of 1/2 slides for exec summary in additional to 4 slides for board, start to outline 812 slides for DS team. Discussed current status of Batch C datasets and prioritization of models (classification over penalty extraction for now). Will need to run transaction level review once annotations are ready (start on Monday). Attendees: R. Tuggle (Director, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.8	\$ 475.00	\$ 380.00

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Gas and Electric Permitting Support Phase 2

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Ryan Tuggle	01/24/20	(0.8) Discussed: immediate needs for deck development of 1/2 slides for exec summary in additional to 4 slides for board; current status of Batch C datasets and prioritization of models (classification over penalty extraction for now). Will need to run transaction level review once annotations are ready (start on Monday). Attendees: , R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.8	\$ 550.00	\$ 440.00
Ryan Tuggle	01/24/20	Performed planning for next steps for model reviews / repairs.	0.7	\$ 550.00	\$ 385.00
Andrei Emelianov	01/24/20	(0.5) Meeting to discuss PG&E P-card review status and share observations and questions with the review team. Attendees: K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG), N. Tran(Associate, KPMG), E. Vanderwall (KPMG)	0.5	\$ 550.00	\$ 275.00
Eloise Pinto	01/24/20	(0.5) Meeting to discuss PG&E P-card review status as of 1/24 and share observations and questions with the review team. Attendees: A. Emelianov (Director, KPMG), K. Johnson (Manager, KPMG), N. Tran(Associate, KPMG), E. Vanderwall (KPMG)	0.5	\$ 475.00	\$ 237.50
Erin Vanderwall	01/24/20	(0.5) Meeting to discuss PG&E P-card review status as of 1/24 and share observations and questions with the review team. Attendees: A. Emelianov (Director, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG), N. Tran(Associate, KPMG),	0.5	\$ 425.00	\$ 212.50
Erin Vanderwall	01/24/20	(0.5) Meeting to discuss PG&E P-card review status as of 1/24 and share observations and questions with the review team. Attendees: A. Emelianov (Director, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG), N. Tran(Associate, KPMG),	0.5	\$ 425.00	\$ 212.50
Faisal Khaled	01/24/20	(0.5): Expanded outline for data science team presentation based on conversations in today's earlier meetings.	0.5	\$ 425.00	\$ 212.50
Jeffrey Strong	01/24/20	Meeting between T. Gaustad (Director, KPMG) and J. Strong (KPMG, Manager) to discuss engagement scope focusing on the Access database constructed for the encroachment permitting project and reporting requirements that will be requested.	0.5	\$ 475.00	\$ 237.50
Nicole Tran	01/24/20	(0.5) Meeting to discuss PG&E P-card review status as of 1/24 and share observations and questions with the review team. Attendees: A. Emelianov (Director, KPMG), K. Johnson (Manager, KPMG), E. Pinto (Manager, KPMG), N. Tran(Associate, KPMG), E. Vanderwall (KPMG)	0.5	\$ 425.00	\$ 212.50

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Name	Date	Description	Hours	Rate	Amount
Rachel Wagner-Kaiser	01/24/20	(0.5) Met to review missing files from LH sample updates to that folder will be moved to LH shared drive. Discussed specifically which transactions/documents should be counted and breakdown levels. Discussed second review findings and label change rates / reasons. Attendees: Y. Fu (Manager, KPMG).	0.5	\$ 475.00	\$ 237.50
Tabitha Gaustad	01/24/20	Discussion with J. Strong (KPMG, Manager) regarding the Access database constructed for the encroachment permitting project and reporting requirements that will be requested.	0.5	\$ 550.00	\$ 275.00
Yiwen Fu	01/24/20	(0.5) Draw tree diagram breaking out various populations of transactions or documents used for machine learning model. Transfer documents missing from the additional Phase 2 sample.	0.5	\$ 475.00	\$ 237.50
Yiwen Fu	01/24/20	(0.5) Met to review missing files from LH sample updates to that folder will be moved to LH shared drive. Discussed specifically which transactions/documents should be counted and breakdown levels. Discussed second review findings and label change rates / reasons. Attendees: , R. Wagner-Kaiser (Manager, KPMG)	0.5	\$ 475.00	\$ 237.50
Michelle Yeung	01/25/20	(3.1) - Import of Pcard listing of in-scope transactions for review & integration into Master table in SQL database. (1.1) - Assigned 200+ Pcard records for first level review in Access database.	4.2	\$ 325.00	\$ 1,365.00
Andrei Emelianov	01/25/20	Reviewing supporting documentation for the sampled P-Card expense transactions for the purposes of identifying encroachment and other penalties, and entering relevant information in the database (72 transactions).	3.0	\$ 550.00	\$ 1,650.00
Andrei Emelianov	01/25/20	Reviewing supporting documentation for the sampled P-Card expense transactions for the purposes of identifying encroachment and other penalties, and entering relevant information in the database (65 transactions).	2.7	\$ 550.00	\$ 1,485.00
Andrei Emelianov	01/25/20	Reviewing supporting documentation for the sampled P-Card expense transactions for the purposes of identifying encroachment and other penalties, and entering relevant information in the database (60 transactions).	2.5	\$ 550.00	\$ 1,375.00
Stephen Greer	01/25/20	Phase 2 – Perform manager review of permit payments reviewed by first level reviewer for PG&E relating to 2018 and a portion of 2019 focusing on completeness. Complete 19 of assigned 100 assigned vendors to review.	2.0	\$ 475.00	\$ 950.00
Eloise Pinto	01/25/20	Facilitated P-card review by fielding questions from staff reviewers escalated on 1/25	1.5	\$ 475.00	\$ 712.50
Eloise Pinto	01/25/20	Performed transaction selection in preparation for the contractor review	1.5	\$ 475.00	\$ 712.50
Michelle Yeung	01/25/20	(1.0) - Perform detailed walkthrough of Access database prior to next steps	1.0	\$ 325.00	\$ 325.00

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January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Michelle Yeung	01/26/20	(4.2) Analysis of first-level Pcard review progress, including fixing errors found in the database, answering reviewer questions (.6) - Assigned remaining records from 2018 Pcard sampling for first-level review.	4.8	\$ 325.00	\$ 1,560.00
Nicole Tran	01/26/20	Review of P-card work stream samples to match expenses to support files and to indicate if the selected transaction contains a fine or penalty. 38 samples	3.9	\$ 425.00	\$ 1,657.50
Nicole Tran	01/26/20	Review of P-card work stream samples to match expenses to support files and to indicate if the selected transaction contains a fine or penalty. 23 samples	2.5	\$ 425.00	\$ 1,062.50
Stephen Greer	01/26/20	Phase 2 – Perform manager review of permit payments reviewed by first level reviewer for PG&E relating to 2018 and a portion of 2019 focusing on completeness. Complete 25 of assigned 100 assigned vendors to review.	2.0	\$ 475.00	\$ 950.00
Juan Gonzalez III	01/26/20	1.5 – Principal review of PCARD testing results to date; review of machine learning model testing; review communications on direct testing question resolution.	1.5	\$ 625.00	\$ 937.50
Eloise Pinto	01/26/20	Facilitated P-card review by fielding questions from escalated on 1/26	0.5	\$ 475.00	\$ 237.50
Juan Gonzalez III	01/27/20	0.5 – Board meeting slides drafting. Attendees: T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG). 0.5 – Type: Meeting, Subject: P-Card review. Attendees: T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMP) M. Yeung (Associate, KPMG), E. Vanderwall (Associate, KPMG), E. Pinto (Manager, KPMG), A. Emelianov (Director, KPMG), N. Tran (Sr. Associate, KPMG). 0.4 – Type: Meeting, Subject: Lighthouse modeling update. Attendees: T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG), Cenk Tunasar (Principal, KPMG). 1.0 – Type: Meeting, Subject: Meeting initially with R. Chriss to discuss potential talking points for Board CPP committee. Ensuing discussion with T. Gaustad and E. Pinto to plan steps for meeting client objective, R. Chriss (PG&E), T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG). 1.4 – Type: Meeting, Subject: Draft presentation to BOD CPP committee. Attendees: T. Gaustad (Director, KPMG), J. Strong (Manager, KPMG attended for 10 minutes). 1.2 – Subject: Worked on the statistical analysis and the extrapolation of results. Including brief conversation with J Strong regarding data. Attendees: 0.8 – Subject: Final edits to draft of BOD committee presentation. Attendees:.	5.8	\$ 625.00	\$ 3,625.00

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Name	Date	Description	Hours	Rate	Amount
Belal Abusaleh	01/27/20	Reviewed Phase 1 (Batch A + B) documentation to properly identify and annotate every single document type at the transaction leveling order to identify / correct any errors that may have occurred during initial labeling which would cause underperformance of the document type classifier model. Overall, manually reviewed 1000 documents.	4.8	\$ 325.00	\$ 1,560.00
Michelle Yeung	01/27/20	Supported management of SQL database including: reporting progress of first-level review.7 , assignment of records to first & second level reviewers 1.0, resolution of issues with amounts in database not correctly reflecting in-scope amount 3.0.	4.7	\$ 325.00	\$ 1,527.50
Stephen Greer	01/27/20	Phase 2 – Perform manager review of permit payments reviewed by first level reviewer for PG&E relating to 2018 and a portion of 2019 focusing on completeness. Complete 46 of assigned 100 assigned vendors to review.	4.2	\$ 475.00	\$ 1,995.00
Nicole Tran	01/27/20	Review of P-card work stream samples to match expenses to support files and to indicate if the selected transaction contains a fine or penalty. 36 samples	4.1	\$ 425.00	\$ 1,742.50
Tabitha Gaustad	01/27/20	Study permitting penalty transactions and documentation for certain payments in the population of 1762 payments to confirm penalty observations for use in machine learning development.	4.1	\$ 550.00	\$ 2,255.00
Michelle Yeung	01/27/20	Tracking progress of first-level review 1.0, assignment of records to first & second level reviewers 1.0, resolution of issues with amounts in database not correctly reflecting in-scope amount 2.0	4.0	\$ 325.00	\$ 1,300.00
Nicole Tran	01/27/20	Review of P-card work stream samples to match expenses to support files and to indicate if the selected transaction contains a fine or penalty. 29 samples	3.7	\$ 425.00	\$ 1,572.50
Andrei Emelianov	01/27/20	Reviewing supporting documentation for the sampled P-Card expense transactions for the purposes of identifying encroachment and other penalties, and entering relevant information in the database (77 transactions).	3.2	\$ 550.00	\$ 1,760.00
Belal Abusaleh	01/27/20	Reviewed Phase 2 (Batch A + B) documentation to properly identify and annotate every single document type at the transaction leveling order to identify / correct any errors that may have occurred during initial labeling which would cause underperformance of the document type classifier model. Overall, manually reviewed 1000 documents.	3.2	\$ 325.00	\$ 1,040.00

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Name	Date	Description	Hours	Rate	Amount
Angie Liang	01/27/20	(1.5) Updated the shared drive with new preprocessed lume dataset, annotated lume dataset as of 1/27 (0.5) Run the "penalty type" model and generate all mis-labeled case. (1.0) For each mislabeled document, continued, from earlier on 1/27, to perform analysis of training and testing dataset in order to find similar documents and identify the reason of mislabeling.	3.0	\$ 325.00	\$ 975.00
David Hall	01/27/20	Tweak parameters of document type model as of 1/27, optimizing for recall and precision of invoice detection.	3.0	\$ 425.00	\$ 1,275.00
Eloise Pinto	01/27/20	(2.0) Drafted slides for PG&E's upcoming February board presentation. (1.0) Reviewed slides with J. Gonzalez (KPMG) and T. Gaustad (KPMG) and updated for their comments.	3.0	\$ 475.00	\$ 1,425.00
Rachel Wagner-Kaiser	01/27/20	3 Develop tree diagram for each phase, each model, each subset within each model, relevant intersections and content for class of interest.	3.0	\$ 475.00	\$ 1,425.00
Angie Liang	01/27/20	(2.0) For each mislabeled document, performed analysis of training and testing dataset in order to find similar documents and identify the reason of mislabeling. (0.9) Download phase 3 data from shared drive.	2.9	\$ 325.00	\$ 942.50
Andrei Emelianov	01/27/20	Reviewing supporting documentation for the sampled P-Card expense transactions for the purposes of identifying encroachment and other penalties, and entering relevant information in the database (67 transactions).	2.8	\$ 550.00	\$ 1,540.00
Eloise Pinto	01/27/20	Reviewed transactions, as of 1/27, flagged as potentially having a penalty as part of P-Card review	2.7	\$ 475.00	\$ 1,282.50
Eloise Pinto	01/27/20	(0.5) Met with J. Karlin (KPMG) to discuss indirect and p-card review; (1.0) Facilitated P-card review by fielding questions from reviewers escalated on 1/26; (1.1) Managed p-card review workflow, assigning additional transactions to reviewers as of 1/27.	2.6	\$ 475.00	\$ 1,235.00
Erin Vanderwall	01/27/20	Reviewed /analyzed 18 assigned P-card transactions (20182019)	2.6	\$ 425.00	\$ 1,105.00
Yiwen Fu	01/27/20	(2.4) Identify reannotation datasets, concurrently analyzing to determine next steps needed to QC reannotation and sync up datasets across teams.	2.4	\$ 475.00	\$ 1,140.00
Andrei Emelianov	01/27/20	Reviewing supporting documentation for the sampled P-Card expense transactions for the purposes of identifying encroachment and other penalties, and entering relevant information in the database (55 transactions).	2.3	\$ 550.00	\$ 1,265.00

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Name	Date	Description	Hours	Rate	Amount
Michelle Yeung	01/27/20	(0.5) Meeting to discuss PG&E Pcard review status and share observations and questions with the review team. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (KPMG) (1.6) - Updated master database table to include 2019 P-card transactions and supporting documentation.	2.1	\$ 325.00	\$ 682.50
Belal Abusaleh	01/27/20	Continued, from earlier on 1/27, to review Phase 2 (Batch A + B) documentation to properly identify and annotate every single document type at the transaction leveling order to identify / correct any errors that may have occurred during initial labeling which would cause underperformance of the document type classifier model. Overall, manually reviewed 1000 documents.	2.0	\$ 325.00	\$ 650.00
David Hall	01/27/20	Run phase 3 dataset on phase 1 document type model.	2.0	\$ 425.00	\$ 850.00
David Hall	01/27/20	Finalize phase 3 document type model; reporting performance statistics.	2.0	\$ 425.00	\$ 850.00
Faisal Khaled	01/27/20	(1.5): Created template in PPT to present model performance metrics.	1.5	\$ 425.00	\$ 637.50
Faisal Khaled	01/27/20	(1.5): Updated the Executive PPT presentation, as of 1/27, to reflect latest feedback from team.	1.5	\$ 425.00	\$ 637.50
Erin Vanderwall	01/27/20	Reviewed /analyzed 7 assigned P-card transactions (20182019)	1.4	\$ 425.00	\$ 595.00
Angie Liang	01/27/20	(1.1) Discussion of priorities in detail Top priority is to create full set of performance indicators so we can make sure to have something in hand by Tuesday COB well in advance of Thursday. All of these will be based on independent runs of pipeline components so that we avoid delays waiting for complete annotations. Second priority is to make the sequential is to improve performance on the "all penalty" class of detection and extraction. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), Belal Abusaleh (Associate, KPMG), R. Hoskins (Associate, KPMG)	1.1	\$ 325.00	\$ 357.50

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Gas and Electric Permitting Support Phase 2

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Belal Abusaleh	01/27/20	(1.1) Discussion of priorities in detail Top priority is to create full set of performance indicators so we can make sure to have something in hand by Tuesday COB well in advance of Thursday. All of these will be based on independent runs of pipeline components so that we avoid delays waiting for complete annotations. Second priority is to make the sequential is to improve performance on the "all penalty" class of detection and extraction. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG)	1.1	\$ 325.00	\$ 357.50
David Hall	01/27/20	(1.1) Discussion of priorities in detail Top priority is to create full set of performance indicators so we can make sure to have something in hand by Tuesday COB well in advance of Thursday. All of these will be based on independent runs of pipeline components so that we avoid delays waiting for complete annotations. Second priority is to make the sequential is to improve performance on the "all penalty" class of detection and extraction. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG), Belal Abusaleh (Associate, KPMG), R. Hoskins (Associate, KPMG)	1.1	\$ 425.00	\$ 467.50
Faisal Khaled	01/27/20	(1.1) Discussion of priorities in detail Top priority is to create full set of performance indicators so we can make sure to have something in hand by Tuesday COB well in advance of Thursday. All of these will be based on independent runs of pipeline components so that we avoid delays waiting for complete annotations. Second priority is to make the sequential is to improve performance on the "all penalty" class of detection and extraction. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG) A. Liang (Associate, KPMG), Belal Abusaleh (Associate, KPMG), R. Hoskins (Associate, KPMG)	1.1	\$ 425.00	\$ 467.50

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Case No. 19-30088

Gas and Electric Permitting Support Phase 2

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Rachel Wagner-Kaiser	01/27/20	(1.1) Went through priorities in detail Top priority is to create full set of performance indicators so we can make sure to have something in hand by Tuesday COB well in advance of Thursday. All of these will be based on independent runs of pipeline components so that we avoid delays waiting for complete annotations. Second priority is to make the sequential run. Third priority is to improve performance on the "all penalty" class of detection and extraction. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG), Belal Abusaleh (Associate, KPMG), R. Hoskins (Associate, KPMG)	1.1	\$ 475.00	\$ 522.50
Yiwen Fu	01/27/20	(1.1) Discussion of priorities in detail Top priority is to create full set of performance indicators so we can make sure to have something in hand by Tuesday COB well in advance of Thursday. All of these will be based on independent runs of pipeline components so that we avoid delays waiting for complete annotations. Second priority is to make the sequential is to improve performance on the "all penalty" class of detection and extraction. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG), Belal Abusaleh (Associate, KPMG), R. Hoskins (Associate, KPMG)	1.1	\$ 475.00	\$ 522.50
Nicole Tran	01/27/20	Review of P-card work stream samples to match expenses to support files and to indicate if the selected transaction contains a fine or penalty. 9 samples	1.0	\$ 425.00	\$ 425.00
Faisal Khaled	01/27/20	(1.0): Aggregated data, as of 1/27, to populate example model performance template.	1.0	\$ 425.00	\$ 425.00
Faisal Khaled	01/27/20	(1.0): Began populating the model performance template	1.0	\$ 425.00	\$ 425.00
Jeffrey Strong	01/27/20	Extract phase 2 direct payments from the database as of 1/27, concurrently consolidating results for engagement team in Excel	0.6	\$ 475.00	\$ 285.00
Andrei Emelianov	01/27/20	(1.0) Meeting to Discussion regarding Phase 2 encroachment permitting project with key PG&E stakeholders, specifically with respect to sampling. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), K. Johnson (Manager, KPMG), R. Chriss (PG&E), Todd Strauss (PG&E), Christopher Pezzola (PG&E), Scott Muranishi (PG&E)	0.5	\$ 550.00	\$ 275.00

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January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Angie Liang	01/27/20	(0.5) Discussed current approach to penalty model, current challenges to penalty model, and framing of story around model performance. Also reviewed what immediate next steps may be taken. Attendees: T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG)	0.5	\$ 325.00	\$ 162.50
Angie Liang	01/27/20	(0.5) Discussed current approach to penalty model, current challenges to penalty model, and framing of story around model performance. Also reviewed what immediate next steps may be taken. Attendees: T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG)	0.5	\$ 325.00	\$ 162.50
Belal Abusaleh	01/27/20	(0.5) Reviewed needs for labeling test and validation sets as well as second level QA. Discussed methods to analyze changes made and incorporate into backend. Attendees: Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), N. Tran (Associate, KPMG)	0.5	\$ 325.00	\$ 162.50
David Hall	01/27/20	(0.5) Discussed: current approach to penalty model, current challenges to penalty model, framing of story around model performance; what immediate next steps may be taken. Attendees: T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 425.00	\$ 212.50
Eloise Pinto	01/27/20	(0.5) Meeting to discuss PG&E P-card review status as of 1/27 and share observations and questions with the review team. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (KPMG)	0.5	\$ 475.00	\$ 237.50
Jen Karlin	01/27/20	Meeting with E. Pinto (KPMG) to discuss project scope, assignments, determine access requirements to databases and timing of deliverables.	0.5	\$ 425.00	\$ 212.50
Nicole Tran	01/27/20	(0.5) Meeting to discuss PG&E P-card review status as of 1/27 and share observations and questions with the review team. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG) M. Yeung (Associate, KPMG), E. Vanderwall (KPMG)	0.5	\$ 425.00	\$ 212.50
Nicole Tran	01/27/20	(0.5) Reviewed needs for labeling test and validation sets as well as second level QA. Discussed methods to analyze changes made and incorporate into backend. Attendees: Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), Belal Abusaleh (Associate, KPMG),	0.5	\$ 425.00	\$ 212.50

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Gas and Electric Permitting Support Phase 2

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Rachel Wagner-Kaiser	01/27/20	(0.5) Discussed: current approach to penalty model, current challenges to penalty model, framing of story around model performance; what immediate next steps may be taken. Attendees: T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Rachel Wagner-Kaiser	01/27/20	(0.5) Reviewed needs for labeling test and validation sets as well as second level QA. Discussed methods to analyze changes made and incorporate into backend. Attendees: Y. Fu (Manager, KPMG), Belal Abusaleh (Associate, KPMG), N. Tran (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Rachel Wagner-Kaiser	01/27/20	Meeting with R. Wagner (KPMG) and D. Hall (KPMG) and A. Lang (KPMG) and F. Khaled (KPMG) to set priorities for development and reporting.	0.5	\$ 475.00	\$ 237.50
Ryan Tuggle	01/27/20	Meeting with R. Wagner (KPMG) and D. Hall (KPMG) and A. Lang (KPMG) and F. Khaled (KPMG) to set priorities for development and reporting.	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	01/27/20	(0.5) Meeting to discuss PG&E P-card review status and share observations and questions with the review team. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), E. Pinto (Manager, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (KPMG)	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	01/27/20	(0.5) Discussed current approach to penalty model, current challenges to penalty model, framing of story around model performance. Also reviewed what immediate next steps may be taken. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 550.00	\$ 275.00
Yiwen Fu	01/27/20	(0.5) Reviewed needs for labeling test and validation sets as well as second level QA. Discussed methods to analyze changes made and incorporate into backend. Attendees: R. Wagner-Kaiser (Manager, KPMG), Belal Abusaleh (Associate, KPMG), N. Tran (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Michelle Yeung	01/28/20	(4.2) - Assessed progress of first & second level review, assignment of records to second level reviewers. (4.3) - Reconciliation of discrepancies identified in by second-level reviewers against first-level reports. (1.5) - Resolution of issues with amounts in database not correctly reflecting in-scope amount for 2019 P-card transactions	8.2	\$ 325.00	\$ 2,665.00
David Hall	01/28/20	2.0 Compile performance data, as of 1/28, on combined phase 1 + 2 + 3 data from document type model. 3.1 Run model, concurrently tuning parameters of document type model using test set from phase 1 + 2 + 3	5.1	\$ 425.00	\$ 2,167.50

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Name	Date	Description	Hours	Rate	Amount
Belal Abusaleh	01/28/20	Quality Control: Reviewed of Phase 3 documentation to properly identify/ annotate every single document type in order to identify / correct any errors that may have occurred during initial labeling which would cause underperformance of the document type classifier model (manually reviewed 2100 documents).	4.1	\$ 325.00	\$ 1,332.50
Belal Abusaleh	01/28/20	Continued review of Phase 3 documentation to properly identify/ annotate every single document type in order to identify / correct any errors that may have occurred during initial labeling which would cause underperformance of the document type classifier model (manually reviewed 2100 documents).	3.9	\$ 325.00	\$ 1,267.50
Nicole Tran	01/28/20	Review of P-card work stream samples to match expenses to support files and to indicate if the selected transaction contains a fine or penalty. 27 samples	3.9	\$ 425.00	\$ 1,657.50
Stephen Greer	01/28/20	Phase 2 – Perform manager review of permit payments reviewed by first level reviewer for PG&E relating to 2018 and a portion of 2019 focusing on completeness. Completed 35 of assigned 100 assigned vendors to review.	3.9	\$ 475.00	\$ 1,852.50
Nicole Tran	01/28/20	Review of P-card work stream samples to match expenses to support files and to indicate if the selected transaction contains a fine or penalty. 23 samples	3.8	\$ 425.00	\$ 1,615.00
Eloise Pinto	01/28/20	(0.5) Tracked progress, as of 1/28, of reviewing team for indirect review and p-card review to update client regarding same; (0.2) Continued discussion with J. Karlin (KPMG) regarding indirect and p-card review; (1.9) Continued manager review, as of 1/28, of transactions flagged as potentially having a penalty as part of P-Card review; (1.0) Facilitated P-card review by fielding questions from reviewers escalated on 1/28;	3.6	\$ 475.00	\$ 1,710.00
Angie Liang	01/28/20	(3.0) Train Penalty Type XGBoost model using phase 1+2+3 training datasets. (0.5) Run retrained "penalty type" model on phase 1+2+3 testing datasets in order to generate model performance metrics.	3.5	\$ 325.00	\$ 1,137.50

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Name	Date	Description	Hours	Rate	Amount
Juan Gonzalez III	01/28/20	0.4 – Type: Meeting, Subject: Discussed document classification for computer assisted testing prototype. Attendees: R. Tuggle (Director, KPMG). 1.1 – Type: Meeting, Subject: Lighthouse Reannotating manual reviews. Attendees: T. Gaustad (Director, KPMG), Y. Fu (Manager, KPMG), E. Pinto (Manager, KPMG). 0.5 – Subject: Review of P-card analysis; review of direct pay analysis; preparation for team discussion on prioritization. Attendees:. 0.5 – Type: Meeting, Subject: P-Card review. Attendees: T. Gaustad (Director, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (Associate, KPMG), E. Pinto (Manager, KPMG), A. Emelianov (Director, KPMG), N. Tran (Sr. Associate, KPMG),. 0.5 – Type: Meeting, Subject: Follow on discussion regard analysis methodology for multiple invoices on single SAP transaction Follow on discussion. Attendees: T. Gaustad (Director, KPMG), M. Yeung (Associate, KPMG), E. Pinto (Manager, KPMG). 0.5 – Type: Meeting, Subject: Discussion regarding identification of invoices and implications for computer assisted testing. Debrief on conversation with R. Tuggle.. Attendees: T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG).	3.5	\$ 625.00	\$ 2,187.50
Andrei Emelianov	01/28/20	Reviewing supporting documentation for the sampled P-Card expense transactions for the purposes of identifying encroachment and other penalties, and entering relevant information in the database (79 transactions).	3.3	\$ 550.00	\$ 1,815.00
Angie Liang	01/28/20	(2.3) Continue, as of 1/28, training "penalty type" model by adding "ide" rules while monitoring precision and recall at the same time. (1.0) Incorporate into the mislabeled case , concurrently noting all "unsure" annotations.	3.3	\$ 325.00	\$ 1,072.50
Eloise Pinto	01/28/20	Extracted documentation for 100 indirect transactions from PG&E's SAP system;	2.9	\$ 475.00	\$ 1,377.50
Eloise Pinto	01/28/20	(0.5) Discussion with Y. Fu (KPMG), T. Gaustad (KPMG) and J. Gonzalez (KPMG) regarding document type relevance with Lighthouse machine learning tool; (0.6) Manager review of invoice type identified by reviewers in direct review as of 1/28;) Separately corresponded with M. Jones (PG&E) (.4), R. Chriss (PG&E)(.4), J. Gonzalez (KPMG) (.4) and T. Gaustad (KPMG) (.4) regarding obtaining documentation for tree trimming transactions for indirect review	2.7	\$ 475.00	\$ 1,282.50
Andrei Emelianov	01/28/20	Reviewing supporting documentation for the sampled P-Card expense transactions for the purposes of identifying encroachment and other penalties, and entering relevant information in the database (61 transactions).	2.5	\$ 550.00	\$ 1,375.00

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Name	Date	Description	Hours	Rate	Amount
Tabitha Gaustad	01/28/20	Continued, as of 1/28, analysis of permitting penalty transactions along with documentation for certain payments in the population of 1762 payments to confirm penalty observations for use in machine learning development.	2.5	\$ 550.00	\$ 1,375.00
Rachel Wagner-Kaiser	01/28/20	Gathered specific numbers as requested for F. Khaled in terms of PDF documents, concurrently adjusting dataset breakdown based on error that was identified.	1.8	\$ 475.00	\$ 855.00
Erin Vanderwall	01/28/20	Reviewed /analyzed 8 assigned P-card transactions (20182019) (1.3)	1.3	\$ 425.00	\$ 552.50
Yiwen Fu	01/28/20	(1.2) Analyze classification issue utilizing feed back from SMEs based on questions from reannotation reviewers	1.2	\$ 475.00	\$ 570.00
David Hall	01/28/20	Finalize phase 3 document type model	1.0	\$ 425.00	\$ 425.00
David Hall	01/28/20	Aggregate performance metrics of phase 3 document type model to provide to team	1.0	\$ 425.00	\$ 425.00
Faisal Khaled	01/28/20	(1.0): Analyzed transaction and document count data provided by (R. Wagner) to determine if counts were synchronized.	1.0	\$ 425.00	\$ 425.00
Jonathan Boldt	01/28/20	(0.6) Reviewed examples that were possibly mislabeled or labeled inconsistently versus those that were instead going to be difficult for the model to differentiate ahead of a meeting; (0.4) Walked through number of examples from A. Liang to determine which examples were possibly mislabeled or labeled inconsistently versus those that were instead going to be difficult for the model to differentiate. Attendees: Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), A. Liang (Associate, KPMG) M. Yeung (Associate, KPMG)	1.0	\$ 325.00	\$ 325.00
Nicole Tran	01/28/20	Meeting to discuss next steps on the Permitting project and upcoming deadlines. Attendees: T. Gaustad, Y. Fu, S. Greer, K. Johnson, E. Pinto, J. Boldt, N. Tran, M. Yeung (KPMG)	0.6	\$ 425.00	\$ 255.00
Andrei Emelianov	01/28/20	(0.5) Meeting to discuss folder structure for reviewed files. Discussed different types of penalties and the distribution differences we need to understand about the multiple penalty types. Discussed phase II transactions and how sampling strategy may change with respect to larger dataset. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG)	0.5	\$ 550.00	\$ 275.00
David Hall	01/28/20	Collect phase 3 penalty amount extraction dataset	0.5	\$ 425.00	\$ 212.50
Eloise Pinto	01/28/20	(0.5) Meeting to discuss PG&E P-card review status, share observations and questions with the review team as of 1/28. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (KPMG)	0.5	\$ 475.00	\$ 237.50

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Name	Date	Description	Hours	Rate	Amount
Erin Vanderwall	01/28/20	Meeting to discuss PG&E P-card review status and share observations and questions with the review team. (0.5)	0.5	\$ 425.00	\$ 212.50
Jen Karlin	01/28/20	Meeting with M. Yeung (KPMG) to identify / obtain access necessary to analyze documents for project	0.5	\$ 425.00	\$ 212.50
Michelle Yeung	01/28/20	(0.5) Meeting to discuss PG&E Pcard review status and share observations and questions with the review team. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), S. Greer (Manager, KPMG), E. Pinto (Manager, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (KPMG)	0.5	\$ 325.00	\$ 162.50
Tabitha Gaustad	01/28/20	(0.5) Meeting to discuss PG&E P-card review status and share observations and questions with the review team. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), E. Pinto (Manager, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (KPMG)	0.5	\$ 550.00	\$ 275.00
Angie Liang	01/28/20	(0.4) Discuss developing deck, ; latest numbers will be included today. Document type model with data batches A+B+C is doing well and next steps will be to work on penalty extraction and "penalty type" models for the three batches. Discussed patterns in document label issues (SAPs labeled as invoices and more generous definition of invoice). Attendees: Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), Belal Abusaleh (Associate, KPMG)	0.4	\$ 325.00	\$ 130.00
Angie Liang	01/28/20	(0.4) Discussed next steps for the "penalty type" model and exchanging the code for the amounts, pages, and keyword counts for Faisal. Attendees: R. Wagner-Kaiser(Manager, KPMG),	0.4	\$ 325.00	\$ 130.00
Angie Liang	01/28/20	(0.4) Walked through number of examples from A. Liang to determine which examples were possibly mislabeled or labeled inconsistently versus those that were instead going to be difficult for the model to differentiate. Attendees: Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), J. Boldt (Associate, KPMG), M. Yeung (Associate, KPMG)	0.4	\$ 325.00	\$ 130.00
Belal Abusaleh	01/28/20	(0.4) Discuss developing deck, latest numbers, document type model with data batches A+B+C , next steps regarding penalty extraction and "penalty type" models for the three batches. Discussed patterns in document label issues (SAPs labeled as invoices and definition of invoice). Attendees: Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.4	\$ 325.00	\$ 130.00

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Name	Date	Description	Hours	Rate	Amount
David Hall	01/28/20	(0.4) Discuss developing deck, latest numbers, document type model with data batches A+B+C , next steps regarding penalty extraction and "penalty type" models for the three batches. Discussed patterns in document label issues (SAPs labeled as invoices and definition of invoice). Attendees: Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG), Belal Abusaleh (Associate, KPMG)	0.4	\$ 425.00	\$ 170.00
Faisal Khaled	01/28/20	(0.4) Discuss developing deck, latest numbers, document type model with data batches A+B+C , next steps regarding penalty extraction and "penalty type" models for the three batches. Discussed patterns in document label issues (SAPs labeled as invoices and definition of invoice). Attendees: Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG) A. Liang (Associate, KPMG), Belal Abusaleh (Associate, KPMG)	0.4	\$ 425.00	\$ 170.00
Rachel Wagner-Kaiser	01/28/20	(0.4) Discussed next steps for the "penalty type" model and exchanging the code for the amounts, pages, and keyword counts for Faisal. Attendees: R. Wagner-Kaiser(Manager, KPMG), A. Liang (Associate, KPMG)	0.4	\$ 475.00	\$ 190.00
Rachel Wagner-Kaiser	01/28/20	(0.4) Walked through number of examples from A. Liang to determine which examples were possibly mislabeled or labeled inconsistently versus those that were instead going to be difficult for the model to differentiate. Attendees: Y. Fu (Manager, KPMG), A. Liang (Associate, KPMG), J. Boldt (Associate, KPMG), M. Yeung (Associate, KPMG)	0.4	\$ 475.00	\$ 190.00
Rachel Wagner-Kaiser	01/28/20	(0.4) Discuss developing deck, latest numbers, document type model with data batches A+B+C , next steps regarding penalty extraction and "penalty type" models for the three batches. Discussed patterns in document label issues (SAPs labeled as invoices and definition of invoice). Attendees: Y. Fu (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG), Belal Abusaleh (Associate, KPMG)	0.4	\$ 475.00	\$ 190.00
Yiwen Fu	01/28/20	(0.4) Walked through number of examples from A. Liang to determine which examples were possibly mislabeled or labeled inconsistently versus those that were instead going to be difficult for the model to differentiate. Attendees: , R. Wagner-Kaiser (Manager, KPMG), A. Liang (Associate, KPMG), J. Boldt (Associate, KPMG), M. Yeung (Associate, KPMG)	0.4	\$ 475.00	\$ 190.00

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Name	Date	Description	Hours	Rate	Amount
Yiwen Fu	01/28/20	(0.4) Discuss developing deck, latest numbers, document type model with data batches A+B+C , next steps regarding penalty extraction and "penalty type" models for the three batches. Discussed patterns in document label issues (SAPs labeled as invoices and definition of invoice). Attendees: , R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG), Belal Abusaleh (Associate, KPMG)	0.4	\$ 475.00	\$ 190.00
Nicole Tran	01/28/20	Review of P-card work stream samples to match expenses to support files and to indicate if the selected transaction contains a fine or penalty. 3 samples	0.4	\$ 425.00	\$ 170.00
Michelle Yeung	01/29/20	(4.8) - Conducted monitoring, reconciliation, analysis of first & second level P card review status for consolidated team status report for ultimate communication to client.	4.8	\$ 325.00	\$ 1,560.00
Michelle Yeung	01/29/20	(4.6) - Continued assignment / assessment of second-level review of P-card transactions utilizing SQL queries to randomly select samples and prevent potential overlap of first & second level review.	4.6	\$ 325.00	\$ 1,495.00
Eloise Pinto	01/29/20	(0.8) Tracked progress, as of 1/29, of reviewing team for indirect review and p-card review and assigned reviewers additional transactions in order to update client regarding same; (3.6) Continued, as of 1/29, reviewing transactions flagged as potentially having a penalty as part of P-Card review;	4.4	\$ 475.00	\$ 2,090.00
Nicole Tran	01/29/20	Review of P-card work stream samples to match expenses to support files and to indicate if the selected transaction contains a fine or penalty. 34 samples	4.2	\$ 425.00	\$ 1,785.00
Stephen Greer	01/29/20	Phase 2 SAP Document Manuel Pull - Pulled 149/300 documents from SAP for review	4.2	\$ 475.00	\$ 1,995.00
Nicole Tran	01/29/20	Review of P-card work stream samples to match expenses to support files and to indicate if the selected transaction contains a fine or penalty. 29 samples	3.8	\$ 425.00	\$ 1,615.00
Andrei Emelianov	01/29/20	Reviewing supporting documentation for the sampled P-Card expense transactions for the purposes of identifying encroachment and other penalties, and entering relevant information in the database (90 transactions).	3.7	\$ 550.00	\$ 2,035.00
Andrei Emelianov	01/29/20	Reviewing supporting documentation for the sampled P-Card expense transactions for the purposes of identifying encroachment and other penalties, and entering relevant information in the database (79 transactions).	3.3	\$ 550.00	\$ 1,815.00
Angie Liang	01/29/20	(1.0) Modify lumes for documents with wrong annotations as confirmed by advisory team. (2.0) Retrain the Penalty Type Model, as of 1/29, using updated dataset.	3.0	\$ 325.00	\$ 975.00

EXHIBIT C16**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Gas and Electric Permitting Support Phase 2

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
David Hall	01/29/20	Compile dataset for penalty amount extraction model for all data (phase 1 + 2 + 3 penalty test sets)	3.0	\$ 425.00	\$ 1,275.00
Jen Karlin	01/29/20	Call with M. Yeung (KPMG) to discuss use P Card spreadsheets, system access, documents to review. (1.0) Obtain access to Access database in order to review documents. (1.0) Review and analyze P Card transactions to identify encroachment violations for Permitting 2019 Phase 2 (1.0)	3.0	\$ 425.00	\$ 1,275.00
Tabitha Gaustad	01/29/20	QC the five populations of payment testing in the permitting phase 2 project. Confirm key documents used to decision payments. Examine document and conclusion attributes to support statistical sampling, machine learning and testing purposes. QC individual penalties identified by first and second level review team.	3.0	\$ 550.00	\$ 1,650.00
David Hall	01/29/20	Develop rules (heuristics) for penalty amount extraction model for all data (phase 1 + 2 + 3 penalty test sets)	2.8	\$ 425.00	\$ 1,190.00
Angie Liang	01/29/20	(1.0) Continue, as of 1/29, training "penalty type" model by adding Ide rules for updated dataset. (0.7) Rerun the model, as of 1/29, on testing sets, concurrently generating model performance metrics. (1.0) Analyze the mislabeled documents, comparing with similar documents from training datasets.	2.7	\$ 325.00	\$ 877.50
Eloise Pinto	01/29/20	Extracted documentation for 150 P-Card reports in support of P-Card review from Concur System for further analysis	2.3	\$ 475.00	\$ 1,092.50
Erin Vanderwall	01/29/20	Reviewed /analyzed 14 assigned P-card transactions (20182019) (2.3)	2.3	\$ 425.00	\$ 977.50
Eloise Pinto	01/29/20	(0.5) Escalating documentation issues, as of 1/29. related to indirect review to R. Chriss (PG&E); (0.3) Corresponding with K. Picton (PG&E) regarding convenience check documentation for P-card transactions; (0.5) Discussion with R. Chriss (PG&E) regarding manual review status and upcoming board meeting; (0.9) Reviewed comments to slides for upcoming February PG&E Board meeting and addressed comments from R. Chriss (PG&E).	2.2	\$ 475.00	\$ 1,045.00

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Name	Date	Description	Hours	Rate	Amount
Juan Gonzalez III	01/29/20	1.0 – Type: Meeting, Subject: Lighthouse modeling update. Attendees: T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG), R. Hoskins (Associate, KPMG). 0.5 – Type: Meeting, Subject: P-Card review. Attendees: T. Gaustad (Director, KPMG), S. Greer (Manager, KPMG) M. Yeung (Associate, KPMG), E. Vanderwall (Associate, KPMG), E. Pinto (Manager, KPMG), A. Emelianov (Director, KPMG), N. Tran (Sr. Associate, KPMG), J. Karlin (Sr. Associate, KPMG). 0.5 – Type: Meeting, Subject: Catch Up Prior to Board Meeting. Attendees: R. Chriss (PG&E), J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG).	2.0	\$ 625.00	\$ 1,250.00
Rachel Wagner-Kaiser	01/29/20	1.0 Reviewed labels with respect to the transaction level annotated files, concurrently resolving outstanding issues as well as removing any that were not resolved from dataset. 1.0 Modified code, concurrently testing annotation injection into the lume data structure	2.0	\$ 475.00	\$ 950.00
Jeffrey Strong	01/29/20	Update the review database as of 1/29: specifically standardizing file types, analyzing reviewer comments / profile database tables to identify anomalies	1.8	\$ 475.00	\$ 855.00
Faisal Khaled	01/29/20	(1.8): Updated recommendations slide of Executive PPT presentation based on team feedback as of 1/29.	1.8	\$ 425.00	\$ 743.75
Eloise Pinto	01/29/20	Extracted documentation for 75 indirect transactions from PG&E's SAP system for further analysis	1.5	\$ 475.00	\$ 712.50
Faisal Khaled	01/29/20	(1.5): Consolidated, concurrently performing necessary calculations on document / transaction count data.	1.5	\$ 425.00	\$ 637.50
Tabitha Gaustad	01/29/20	Director review board summary slides on permitting Phase 2 project, concurrently updating based on review.	1.5	\$ 550.00	\$ 825.00
Angie Liang	01/29/20	(1.1) Discussed: current status of model performance and discussed final changes for slide deck for tomorrow; changes that could be made to try to improve model, particularly around lumpy threshold values and feature engineering. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG)	1.1	\$ 325.00	\$ 357.50

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Name	Date	Description	Hours	Rate	Amount
David Hall	01/29/20	(1.1) Discussed: current status of model performance and discussed final changes for slide deck for tomorrow; changes that could be made to try to improve model, particularly around lumpy threshold values and feature engineering. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	1.1	\$ 425.00	\$ 467.50
Faisal Khaled	01/29/20	(1.1) Reviewed current status of model performance and discussed final changes for slide deck for tomorrow. Discussed changes that could be made to try to improve model, particularly around lumpy threshold values and feature engineering. Decided on freezing numbers for tomorrow and continuing to work on improvements. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG) A. Liang (Associate, KPMG)	1.1	\$ 425.00	\$ 467.50
Rachel Wagner-Kaiser	01/29/20	(1.1) Discussed: current status of model performance and discussed final changes for slide deck for tomorrow; changes that could be made to try to improve model, particularly around lumpy threshold values and feature engineering. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	1.1	\$ 475.00	\$ 522.50
Ryan Tuggle	01/29/20	(1.1) Reviewed current status of model performance and discussed final changes for slide deck for tomorrow. Discussed changes that could be made to try to improve model, particularly around lumpy threshold values and feature engineering. Decided on freezing numbers for tomorrow and continuing to work on improvements. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	1.1	\$ 550.00	\$ 605.00
Tabitha Gaustad	01/29/20	(1.1) Discussed: current status of model performance and discussed final changes for slide deck for tomorrow; changes that could be made to try to improve model, particularly around lumpy threshold values and feature engineering. Attendees: J. Gonzalez III (Principal, KPMG), R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	1.1	\$ 550.00	\$ 605.00

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Name	Date	Description	Hours	Rate	Amount
Faisal Khaled	01/29/20	(1.0): Utilizing collective feedback from team members on Executive PPT presentation as of 1/29, incorporated requisite updates	1.0	\$ 425.00	\$ 425.00
Faisal Khaled	01/29/20	(1.0): Updated the Executive PPT presentation, as of 1/29, with transaction and document count data.	1.0	\$ 425.00	\$ 425.00
Jonathan Boldt	01/29/20	(0.6) Reviewed examples that were possibly mislabeled or labeled inconsistently versus those that were instead going to be difficult for the model to differentiate ahead of a meeting; (0.4) Walked through a number of examples to determine which examples were possibly mislabeled or labeled inconsistently versus those that were instead going to be difficult for the model to differentiate. One outstanding issue is how to handle labels that need to be one thing for the model and another for the review. Attendees: R. Wagner-Kaiser (Manager, KPMG), (Associate, KPMG) N. Tran (Associate, KPMG);	1.0	\$ 325.00	\$ 325.00
Faisal Khaled	01/29/20	(0.8) Reviewed current status of deck and any changes that may be needed for tomorrow. Discussed minor changes to layout and content as well as plan and timeline for expanded deck moving forward. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG),	0.8	\$ 425.00	\$ 340.00
Rachel Wagner-Kaiser	01/29/20	(0.8) Reviewed current status of deck and any changes that may be needed for tomorrow. Discussed minor changes to layout and content as well as plan and timeline for expanded deck moving forward. Attendees: R. Tuggle (Director, KPMG), F. Khaled (Sr. Associate, KPMG)	0.8	\$ 475.00	\$ 380.00
Ryan Tuggle	01/29/20	(0.8) Reviewed current status of deck and any changes that may be needed for tomorrow. Discussed minor changes to layout and content as well as plan and timeline for expanded deck moving forward. Attendees: , R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG)	0.8	\$ 550.00	\$ 440.00
Nicole Tran	01/29/20	Review of P-card work stream samples to match expenses to support files and to indicate if the selected transaction contains a fine or penalty. 5 samples	0.5	\$ 425.00	\$ 212.50
Andrei Emelianov	01/29/20	(0.5) Meeting to discuss data-driven methods or analytics that may assist in broader team in related efforts for Phase II of project. Discussed needed changes and updates to status deck, including bias-variance framework, weighting of classes, and justifications/research behind choices. Reviewed current approach to penalty model and new client ask for multi-class penalty identification. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate. KPMG)	0.5	\$ 550.00	\$ 275.00

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Name	Date	Description	Hours	Rate	Amount
Angie Liang	01/29/20	(0.5) Correspond on numbers for models and documents; everything is temporarily in alignment. Penalty model is being updated wit A+B+C batches and wit a few carefully crafted rules. Annotations are done for the transaction level dataset. Document type model is good, and extraction model in progress today. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), Belal Abusaleh(Associate, KPMG)	0.5	\$ 325.00	\$ 162.50
Belal Abusaleh	01/29/20	(0.5) Discussed update on numbers for models / documents as of 1/29. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 325.00	\$ 162.50
David Hall	01/29/20	(0.5) Discussed update on numbers for models / documents as of 1/29. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG), Belal Abusaleh(Associate, KPMG)	0.5	\$ 425.00	\$ 212.50
Eloise Pinto	01/29/20	(0.5) Meeting to discuss first level and second level PG&E P-card review status and share observations and questions with the review team. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (KPMG), J. Karlin (KPMG)	0.5	\$ 475.00	\$ 237.50
Erin Vanderwall	01/29/20	(0.5) Meeting to discuss first level and second level PG&E P-card review status and share observations and questions with the review team. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), J. Karlin (KPMG)	0.5	\$ 425.00	\$ 212.50
Faisal Khaled	01/29/20	(0.5) Discussed update on numbers for models / documents as of 1/29. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG) A. Liang (Associate, KPMG), Belal Abusaleh(Associate, KPMG)	0.5	\$ 425.00	\$ 212.50
Jen Karlin	01/29/20	(0.5) Meeting to discuss first level and second level PG&E P-card review status and share observations and questions with the review team. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (KPMG)	0.5	\$ 425.00	\$ 212.50

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Name	Date	Description	Hours	Rate	Amount
Michelle Yeung	01/29/20	(0.5) Meeting to discuss first level and second level PG&E Pcard review status and share observations and questions with the review team. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), S. Greer (Manager, KPMG), E. Pinto (Manager, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (KPMG), Jennifer Karlin (KPMG)	0.5	\$ 325.00	\$ 162.50
Nicole Tran	01/29/20	(0.5) Meeting to discuss first level and second level PG&E P-card review status and share observations and questions with the review team. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG) M. Yeung (Associate, KPMG), E. Vanderwall (KPMG), J. Karlin (KPMG)	0.5	\$ 425.00	\$ 212.50
Rachel Wagner-Kaiser	01/29/20	(0.5) Discussed update on numbers for models / documents as of 1/29. Attendees: R. Tuggle (Director, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG), Belal Abusaleh (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Rachel Wagner-Kaiser	01/29/20	(0.5) Discussed update on numbers for models / documents as of 1/29. Attendees: R. Tuggle (Director, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG), Belal Abusaleh (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Tabitha Gaustad	01/29/20	Conversation with R. Chriss (PG&E) regarding KPMG team composition and staffing for the next 12 weeks, assess viability of rolling KPMG personnel off for administrative reporting purposes.	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	01/29/20	(0.5) Meeting to discuss first level and second level PG&E P-card review status and share observations and questions with the review team. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), E. Pinto (Manager, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (KPMG), J. Karlin (KPMG)	0.5	\$ 550.00	\$ 275.00
Angie Liang	01/29/20	(0.4) Walked through a number of examples to determine which examples were possibly mislabeled or labeled inconsistently versus those that were instead going to be difficult for the model to differentiate. One outstanding issue is how to handle labels that need to be one thing for the model and another for the review. Attendees: R. Wagner-Kaiser (Manager, KPMG), J. Boldt (Associate, KPMG), N. Tran (Associate, KPMG)	0.4	\$ 325.00	\$ 130.00

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Name	Date	Description	Hours	Rate	Amount
Nicole Tran	01/29/20	Reviewed a number of examples to determine which examples were possibly mislabeled or labeled inconsistently versus those that were instead going to be difficult for the model to differentiate (One outstanding issue is how to handle labels that need to be one thing for the model and another for the review).	0.4	\$ 425.00	\$ 170.00
Rachel Wagner-Kaiser	01/29/20	(0.4) Walked through a number of examples to determine which examples were possibly mislabeled or labeled inconsistently versus those that were instead going to be difficult for the model to differentiate. One outstanding issue is how to handle labels that need to be one thing for the model and another for the review. Attendees: , A. Liang (Associate, KPMG), J. Boldt (Associate, KPMG), N. Tran (Associate, KPMG)	0.4	\$ 475.00	\$ 190.00
Faisal Khaled	01/29/20	(0.4): Performed further updates to Executive Presentation PPT, on 1/29, based on working group feedback	0.4	\$ 425.00	\$ 148.75
Angie Liang	01/29/20	(0.3) Review of alignment issues with the numbers for the penalty model and the lack of support for documents with the same name in "yaml" configuration. Attendees: R. Wagner-Kaiser (Manager, KPMG),	0.3	\$ 325.00	\$ 97.50
Rachel Wagner-Kaiser	01/29/20	(0.3) Review of alignment issues with the numbers for the penalty model and the lack of support for documents with the same name in "yaml" configuration. Attendees: , A. Liang (Associate, KPMG)	0.3	\$ 475.00	\$ 142.50
Eloise Pinto	01/30/20	(0.5) Tracked progress, as of 1/30, of reviewing team for indirect review and p-card review also assigning reviewers additional transactions; (3.4) Continued, as of 1/30, reviewing transactions flagged as potentially having a penalty as part of P-Card review; (1.0) Met with J. Gravel (PG&E) regarding documentation for p-card convenience checks for p-card review; (0.3) Corresponded with S. Perfetto (PG&E) regarding 81 series vendors for contractor review; (0.4) Update J. Gonzalez, T. Gaustad (KPMG) regarding status and other options of obtaining convenience check documentation for p-card transaction.	5.4	\$ 475.00	\$ 2,565.00
Nicole Tran	01/30/20	Review of P-card work stream samples to match expenses to support files and to indicate if the selected transaction contains a fine or penalty. 37 samples	4.1	\$ 425.00	\$ 1,742.50
Michelle Yeung	01/30/20	(3.9) - Monitoring, reconciliation, analysis of first / second level review status for 1/30 report.	3.9	\$ 325.00	\$ 1,267.50
Tabitha Gaustad	01/30/20	Perform line by line research / analysis of 55 encroachment fines and penalties observed in three original authorities having jurisdiction for comparison to Phase 2 results.	3.9	\$ 550.00	\$ 2,145.00

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Name	Date	Description	Hours	Rate	Amount
Angie Liang	01/30/20	(1.3) Debugging code for alignment issues with the numbers for the penalty model and the lack of support for documents with the same name in "yaml" configuration, concurrently developing new code to generate un-overwritten model results. (1.5) Generate model performances on: 1. before retraining (previous phase1+2 model run on phase 1+2+3 data) 2. after retraining (retrained phase1+2+3 model on phase 1+2+3 data). (1.0) Generate all newly found "unsure" annotations and send the list to Advisory for clarification.	3.8	\$ 325.00	\$ 1,235.00
Angie Liang	01/30/20	(1.0) Perform debugging to address issues within the model performance output code. (2.7) Run "penalty type" model in order to output all model prediction scores, generate histogram of all scores distribution and for each label's score distribution.	3.7	\$ 325.00	\$ 1,202.50
Nicole Tran	01/30/20	Review of P-card work stream samples to match expenses to support files and to indicate if the selected transaction contains a fine or penalty. 32 samples	3.7	\$ 425.00	\$ 1,572.50
Stephen Greer	01/30/20	Phase 2 review 1st level - Responding to specific questions about certain P Card transactions; specifically accessing the system in order to review / provide answers regarding specific transactions	3.7	\$ 475.00	\$ 1,757.50
Andrei Emelianov	01/30/20	2nd level review (quality control) of the information entered into the database by 1st level reviewers based on reviewing supporting documentation for the sampled P-Card expense transactions for the purposes of identifying encroachment and other penalties.	3.2	\$ 550.00	\$ 1,760.00
Jen Karlin	01/30/20	Continue, from earlier 1/30, first level review of assigned P-Card transactions to identify encroachment violations for Permitting 2019 Phase 2, concurrently reconciling charges in Excel spreadsheet with actual copies of invoices / receipts in PDF.	3.1	\$ 425.00	\$ 1,317.50
Michelle Yeung	01/30/20	(3.0) - Continued, as of 1/30, assignment /assessment of second-level review of P-card transactions utilizing SQL queries to randomly select samples in order to prevent potential overlap of first & second level review.	3.0	\$ 325.00	\$ 975.00
Andrei Emelianov	01/30/20	Continue, from earlier on 1/30, 2nd level review (quality control) of the information entered into the database by 1st level reviewers based on reviewing supporting documentation for the sampled P-Card expense transactions for the purposes of identifying encroachment and other penalties.	3.0	\$ 550.00	\$ 1,650.00
Jen Karlin	01/30/20	Continue, as of 1/30, first level review of assigned P-Card transactions to identify encroachment violations for Permitting 2019 Phase 2, concurrently reconciling charges in Excel spreadsheet with actual copies of invoices / receipts in PDF.	2.9	\$ 425.00	\$ 1,232.50

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Name	Date	Description	Hours	Rate	Amount
Juan Gonzalez III	01/30/20	1.0 – Type: Meeting, Subject: P-Card 2nd Level Review. Attendees: T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG). 0.5 – Type: Meeting, Subject: P-Card Review / Kick off contractor review. Attendees: T. Gaustad (Director, KPMG), S. Greer (Manager, KPMG) M. Yeung (Associate, KPMG), E. Vanderwall (Associate, KPMG), E. Pinto (Manager, KPMG), A. Emelianov (Director, KPMG), N. Tran (Sr. Associate, KPMG), J. Karlin (Sr. Associate, KPMG). 0.5 – Type: Meeting, Subject: Observations on Lighthouse Sample., T. Gaustad (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), R. Tuggle (Director, KPMG). 0.5 – Type: Meeting, Subject: Discussed report. Attendees: T. Gaustad (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), E. Pinto (Manager, KPMG), R. Tuggle (Director, KPMG). 0.4 – Type: Meeting, Subject: Discussed QC review of fines and penalties categorization. Attendees: T. Gaustad (Director, KPMG).	2.9	\$ 625.00	\$ 1,812.50
Rachel Wagner-Kaiser	01/30/20	1.7 Finish testing / running annotations for transaction level review. 1.0 Uploaded >3000 lumes with labels to shared drive to hand off for running the whole sequential pipeline with the latest model versions.	2.7	\$ 475.00	\$ 1,282.50
Michelle Yeung	01/30/20	(2.5) - Continued, from earlier on 1/30, assignment /assessment of second-level review of P-card transactions utilizing SQL queries to randomly select samples in order to prevent potential overlap of first & second level review.	2.5	\$ 325.00	\$ 812.50
David Hall	01/30/20	Ran transaction data through end to end pipeline (document type > "penalty type" > penalty amount extraction) on the server.	2.5	\$ 425.00	\$ 1,062.50
Eloise Pinto	01/30/20	Met in person with K. Picton (PG&E) in San Ramon to gather documents for convenience check p-card transactions for p-card review.	2.5	\$ 475.00	\$ 1,187.50
Tabitha Gaustad	01/30/20	Analysis of machine learning training transactions for the permitting phase 2 project, concurrently confirming document annotations /penalty observations.	2.1	\$ 550.00	\$ 1,155.00
David Hall	01/30/20	Recompile dataset for penalty amount extraction model (to make the same as the "penalty type" model) from all three phases of data.	2.0	\$ 425.00	\$ 850.00
David Hall	01/30/20	1.5 Complete reporting on all metrics for document type model from phase 3 and phase 1 0.; 0.5 Create example model config from document type model from phase 2 , concurrently testing on phase 3 dataset.	2.0	\$ 425.00	\$ 850.00
Faisal Khaled	01/30/20	(1.5): Updated recommendations slide of Executive PPT presentation to improve presentation aspect.	1.5	\$ 425.00	\$ 637.50
Faisal Khaled	01/30/20	(1.5): Updated model performance metrics within the Executive PPT Presentation as of 1/30	1.5	\$ 425.00	\$ 637.50

EXHIBIT C16

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Gas and Electric Permitting Support Phase 2

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Faisal Khaled	01/30/20	(1.5): Updated PPT presentation for data science team, as of 1/30, inclusive of new outline, template slides	1.5	\$ 425.00	\$ 637.50
Faisal Khaled	01/30/20	(1.5): Modified model performance slide in data science team PPT with most current information	1.5	\$ 425.00	\$ 637.50
Ryan Tuggle	01/30/20	.5 Revised recommendations slide for executive presentation. Reviewed current status of deck. Discussed F1 scores and presentation as well as current status on datasets and challenges in labels and modeling. 1.0 Reviewed FP and FN from previous iteration of penalty model development; hope to have updated numbers tomorrow. Discussed recommendations for step by step integration. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate KPMG)	1.5	\$ 550.00	\$ 825.00
David Hall	01/30/20	Ran document type model over documents labeled as 'Multiple w/ Invoice' and 'Multiple w/out Invoice' to test performance of model.	1.0	\$ 425.00	\$ 425.00
Faisal Khaled	01/30/20	(1.0): Created new version of Executive Presentation PPT based on current version and version provided by (R. Tuggle KPMG)	1.0	\$ 425.00	\$ 425.00
Tabitha Gaustad	01/30/20	Reviewed current status of deck. Discussed F1 scores and presentation as well as current status on datasets and challenges in labels and modeling. Reviewed FP and FN from previous iteration of penalty model development; hope to have updated numbers tomorrow. Discussed recommendations for step by step integration. Attendees: J. Gonzalez III (Principal, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG)	1.0	\$ 550.00	\$ 550.00
Jeffrey Strong	01/30/20	Extract procurement card payments from the database as of 1/30, concurrently documenting results for engagement team in Excel	0.7	\$ 475.00	\$ 332.50
Andrei Emelianov	01/30/20	(0.5) Meeting to discuss second level PG&E P-card review status and share observations and questions with the review team. Began discussions regarding contractor review. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (KPMG), J. Karlin (KPMG)	0.5	\$ 550.00	\$ 275.00

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Gas and Electric Permitting Support Phase 2

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Angie Liang	01/30/20	(0.5) Discussed priority items as of 1/20 including finalizing numbers in the deck and checking encroachment penalties whose labels have changed (will continue working on putting labels into lumes and running transactions through the full sequential workflow, as well as continuing exploration of improving penalty model). Attendees: R. Tuggle (Director, KPMG), Y. Fu(Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), (Associate, KPMG)	0.5	\$ 325.00	\$ 162.50
David Hall	01/30/20	(0.5) Discussed priority items as of 1/30 including finalizing numbers in the deck and checking encroachment penalties whose labels have changed (will continue working on putting labels into lumes and running transactions through the full sequential workflow, as well as continuing exploration of improving penalty model). Attendees: R. Tuggle (Director, KPMG), Y. Fu(Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), (Associate, KPMG)	0.5	\$ 425.00	\$ 212.50
Eloise Pinto	01/30/20	(0.5) Meeting to discuss second level PG&E P-card review status as of 1/30, share observations and questions with the review team. Began discussions regarding contractor review. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (KPMG), J. Karlin (KPMG)	0.5	\$ 475.00	\$ 237.50
Erin Vanderwall	01/30/20	(0.5) Meeting to discuss second level PG&E P-card review status as of 1/30, share observations and questions with the review team. Began discussions regarding contractor review. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), J. Karlin (KPMG)	0.5	\$ 425.00	\$ 212.50
Faisal Khaled	01/30/20	(0.5) Discussed priority items as of 1/30 including finalizing numbers in the deck and checking encroachment penalties whose labels have changed (will continue working on putting labels into lumes and running transactions through the full sequential workflow, as well as continuing exploration of improving penalty model). Attendees: R. Tuggle (Director, KPMG), Y. Fu(Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG) (Associate, KPMG)	0.5	\$ 425.00	\$ 212.50

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Gas and Electric Permitting Support Phase 2

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Faisal Khaled	01/30/20	(0.5) Discussion of deck changes include revision of the sample vs sample with support counts. Plots on slide 2 will be removed, pending better ideas. Discussion of AI vs. ML; as client is using machine learning, we will reflect that in the deck. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG).	0.5	\$ 425.00	\$ 212.50
Jen Karlin	01/30/20	(0.5) Meeting to discuss second level PG&E P-card review status as of 1/30, share observations and questions with the review team. Began discussions regarding contractor review. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (KPMG)	0.5	\$ 425.00	\$ 212.50
Michelle Yeung	01/30/20	(0.5) Meeting to discuss second level PG&E P-card review status and share observations and questions with the review team. Began discussions regarding contractor review. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), S. Greer (Manager, KPMG), E. Pinto (Manager, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (KPMG), Jennifer Karlin (KPMG)	0.5	\$ 325.00	\$ 162.50
Nicole Tran	01/30/20	(0.5) Meeting to discuss second level PG&E P-card review status as of 1/30, share observations and questions with the review team. Began discussions regarding contractor review. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (KPMG), J. Karlin (KPMG)	0.5	\$ 425.00	\$ 212.50
Rachel Wagner-Kaiser	01/30/20	(0.5) Discussed priority items as of 1/30 including finalizing numbers in the deck and checking encroachment penalties whose labels have changed (will continue working on putting labels into lumes and running transactions through the full sequential workflow, as well as continuing exploration of improving penalty model). Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50

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January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Rachel Wagner-Kaiser	01/30/20	(0.5) Discussed priority items as of 1/30 including finalizing numbers in the deck and checking encroachment penalties whose labels have changed (will continue working on putting labels into lumes and running transactions through the full sequential workflow, as well as continuing exploration of improving penalty model). Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Tabitha Gaustad	01/30/20	(0.5) Meeting to discuss second level PG&E P-card review status and share observations and questions with the review team. Began discussions regarding contractor review. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), E. Pinto (Manager, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (KPMG), J. Karlin (KPMG)	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	01/30/20	(0.5) Discussion of deck changes include revision of the sample vs sample with support counts, also discussed AI vs. ML; as client is using machine learning, we will reflect that in the deck. Attendees: J. Gonzalez III (Principal, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG)	0.5	\$ 550.00	\$ 275.00
Yiwen Fu	01/30/20	(0.5) Clarify Phase 1 transaction counts sampled and used in machine learning model.	0.5	\$ 475.00	\$ 237.50
Yiwen Fu	01/30/20	(0.5) Discussion of deck changes include revision of the sample vs sample with support counts. Plots on slide 2 will be removed, pending better ideas. Discussion of AI vs. ML; as client is using machine learning, we will reflect that in the deck. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Yiwen Fu	01/30/20	(0.5) Discussed priority items as of 1/30 including finalizing numbers in the deck and checking encroachment penalties whose labels have changed (will continue working on putting labels into lumes and running transactions through the full sequential workflow, as well as continuing exploration of improving penalty model). Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50

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January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Rachel Wagner-Kaiser	01/30/20	(0.4) Reviewed changes to batch C dataset for formerly labeled encroachment penalties, and walked through the reasoning and discussed labeling as a human expert vs the model needing a label that reflects the information in the document that it sees, without outside / auxiliary information. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG),	0.4	\$ 475.00	\$ 190.00
Tabitha Gaustad	01/30/20	(0.4) Reviewed changes to batch C dataset for formerly labeled encroachment penalties, walked through the reasoning and discussed labeling as a human expert vs the model needing a label that reflects the information in the document that it sees, without outside / auxiliary information. Attendees: J. Gonzalez III (Principal, KPMG), R. Wagner-Kaiser (Manager, KPMG)	0.4	\$ 550.00	\$ 220.00
Nicole Tran	01/30/20	Review of P-card work stream samples to match expenses to support files and to indicate if the selected transaction contains a fine or penalty. 2 samples	0.3	\$ 425.00	\$ 127.50
David Hall	01/31/20	(1.0) Consolidate materials (phase 3 model configs /notebooks). 2 .0 compile performance metrics for penalty amount extraction model for all data (phase 1 + 2 + 3 penalty test sets) 2.8 Compile /examine performance metrics of end to end serial pipeline for random sample of transaction data.	5.8	\$ 425.00	\$ 2,465.00
Michelle Yeung	01/31/20	(3.8) - Performed monitoring, reconciliation, analysis of first /second level review status for 1/31 team status report.	3.8	\$ 325.00	\$ 1,235.00
Jeffrey Strong	01/31/20	Perform data validation on contractor payments (1.0), upload payments data set to SQL database(.5), perform transformation to insert payments into overall review database (.5), merge supporting documentation into review platform for contractor payments (.5), and prepare contractor payments to be reviewed in Access front end (.7). Extracted direct and Lighthouse payments reviewed by engagement team for KPMG engagement manager (.5)	3.7	\$ 475.00	\$ 1,757.50
Angie Liang	01/31/20	(0.5) Debug annotation assignment code for "penalty applies" model. (3.0) rerun annotation assignment step to correct the errors found as of 1/31. .	3.5	\$ 325.00	\$ 1,137.50

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Case No. 19-30088

Gas and Electric Permitting Support Phase 2

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Juan Gonzalez III	01/31/20	1.0 – Type: Meeting, Subject: P-Card Review. Attendees: T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG). 0.5 – Type: Meeting, Subject: P-Card Review / Contractor review. Attendees: T. Gaustad (Director, KPMG), S. Greer (Manager, KPMP) M. Yeung (Associate, KPMG), E. Vanderwall (Associate, KPMG), E. Pinto (Manager, KPMG), A. Emelianov (Director, KPMG), N. Tran (Sr. Associate, KPMG), J. Karlin (Sr. Associate, KPMG). 1.0 – Analysis of extrapolation for both dollars and error rates across the strata and across the population for direct payments. 1.0 – Principal review / analysis of the difference between Phase 1 and Phase 2 preliminary direct pay results, concurrently drafting client communication on the topic.	3.5	\$ 625.00	\$ 2,187.50
Eloise Pinto	01/31/20	(0.5) Tracked progress, as of 1/31, of reviewing team for indirect review and 2nd level p-card review in order to update client regarding same; (0.5) Escalating potential findings in p-card review to J. Gonzalez, T. Gaustad (KPMG); (0.7) Discussed with T. Gaustad (KPMG) and J. Gonzalez (KPMG) regarding P-card transactions flagged as "maybe" having fines / penalties; (0.5) Discussion with C. McDonagh (PG&E) and Joshua Hughes (PG&E) regarding tree trimming transactions documentation for indirect review; (1.2) Facilitated indirect / P-card review by fielding questions from reviewers escalated on 1/31 related to invoice type;	3.4	\$ 475.00	\$ 1,615.00
Michelle Yeung	01/31/20	(3.1) - Reviewed client systems along with contractor transactions available, concurrently creating plan for obtaining client contractor documentation, import/integration into SQL/Access review platform.	3.1	\$ 325.00	\$ 1,007.50
Tabitha Gaustad	01/31/20	Detailed director review of testing population definition, detailed review of encroachment permit penalties documentation for transactions identified as penalties.	3.1	\$ 550.00	\$ 1,705.00
Angie Liang	01/31/20	(2.0) Run the "penalty type" and document type models on all the training sets and keeping track of the performance. (1.0) Identify the mislabeled cases, concurrently annotating possible failure reasons.	3.0	\$ 325.00	\$ 975.00
Jen Karlin	01/31/20	Conduct second level review of P-Card transactions to identify encroachment violations for Permitting 2019 Phase 2.	3.0	\$ 425.00	\$ 1,275.00
Rachel Wagner-Kaiser	01/31/20	1.5 Review transaction level results, concurrently parsing performance results at each step of pipeline as well as overall 1.5 Cross correlate encroachment penalties that have had labels flipped after further analysis to help align deck numbers to reflect the same numbers in forensics reporting.	3.0	\$ 475.00	\$ 1,425.00

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Gas and Electric Permitting Support Phase 2

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Nicole Tran	01/31/20	Review of contractor work stream samples to match expenses to support files and to indicate if the selected transaction contains a fine or penalty.	2.6	\$ 425.00	\$ 1,105.00
Andrei Emelianov	01/31/20	Reviewing supporting documentation for the sampled contractor invoices for the purposes of identifying encroachment and other penalties, and entering relevant information in the database (62 transactions).	2.5	\$ 550.00	\$ 1,375.00
Michelle Yeung	01/31/20	(2.3) - Continued, from earlier on 1/31, to review client systems along with contractor transactions available, concurrently creating plan for obtaining client contractor documentation, import/integration into SQL/Access review platform.	2.3	\$ 325.00	\$ 747.50
Eloise Pinto	01/31/20	(2.3) Continued, as of 1/31, reviewing additional transactions flagged as potentially having a penalty as part of P-Card review;	2.3	\$ 475.00	\$ 1,092.50
Andrei Emelianov	01/31/20	Reviewing supporting documentation for the sampled contractor invoices for the purposes of identifying encroachment and other penalties, and entering relevant information in the database (48 transactions).	2.0	\$ 550.00	\$ 1,100.00
Tabitha Gaustad	01/31/20	Review of P-card and contractor testing performed by the team for the permitting project.	2.0	\$ 550.00	\$ 1,100.00
Eloise Pinto	01/31/20	Extracted documentation for 50 indirect transactions from PG&E's SAP system;	1.7	\$ 475.00	\$ 807.50
Faisal Khaled	01/31/20	(1.5): Completed revised outline of data science deck (1.3) and sent to team for feedback (.2)	1.5	\$ 425.00	\$ 637.50
Ryan Tuggle	01/31/20	1.0 Discussed path forward to further iterate on presentation deck revisions. Also discussed additional changes to encroachment penalties in the phase 1 dataset. Discussed options for backing changed labels out of deck numbers to remove any inconsistencies with reporting. Attendees: T. Gaustad (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG); (0.5) Reviewed top priorities final changes in deck and working on sequential modeling results. Serial pipeline has been run but results are complex and need to be parsed into an overview. Double check phase 2 penalties and phase 3 that have been changed to ensure none are in test set. Attendees: , Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG);	1.5	\$ 550.00	\$ 825.00
Eloise Pinto	01/31/20	Reviewed documentation gathered from K. Picton (PG&E) on 1/30/2020 for relevancy related to the p-card transactions.	1.2	\$ 475.00	\$ 570.00

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Name	Date	Description	Hours	Rate	Amount
Angie Liang	01/31/20	Discussed path forward to further iterate on presentation deck revisions. Also discussed additional changes to encroachment penalties in the phase 1 dataset. Discussed options for backing changed labels out of deck numbers to remove any inconsistencies with reporting. Attendees: T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG)	1.0	\$ 325.00	\$ 325.00
David Hall	01/31/20	(1.0) Discussed: path forward to further iterate on deck a version will be sent for revisions notes, which will be returned and acted on ; additional changes to encroachment penalties in the phase 1 dataset; options for backing changed labels out of deck numbers to remove any inconsistencies with reporting. Attendees: T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), A. Liang (Associate, KPMG)	1.0	\$ 425.00	\$ 425.00
Rachel Wagner-Kaiser	01/31/20	(1.0) Discussed path forward to further iterate on presentation deck revisions. Also discussed additional changes to encroachment penalties in the phase 1 dataset. Discussed options for backing changed labels out of deck numbers to remove any inconsistencies with reporting. Attendees: T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	1.0	\$ 475.00	\$ 475.00
Tabitha Gaustad	01/31/20	Discussed path forward to further iterate on presentation deck revisions. Also discussed additional changes to encroachment penalties in the phase 1 dataset. Discussed options for backing changed labels out of deck numbers to remove any inconsistencies with reporting. Attendees:, R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	1.0	\$ 550.00	\$ 550.00
Yiwen Fu	01/31/20	(1.0) Discussed path forward to further iterate on presentation deck revisions. Also discussed additional changes to encroachment penalties in the phase 1 dataset. Discussed options for backing changed labels out of deck numbers to remove any inconsistencies with reporting. Attendees: T. Gaustad (Director, KPMG), R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	1.0	\$ 475.00	\$ 475.00
Tabitha Gaustad	01/31/20	Continue, from earlier on 1/31, detailed director review of testing population definition, detailed review of encroachment permit penalties documentation for transactions identified as penalties.	0.9	\$ 550.00	\$ 495.00

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January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Christopher Wong	01/31/20	(0.8) Final reviewed extrapolated encroachment results before sending report to client	0.8	\$ 325.00	\$ 260.00
Andrei Emelianov	01/31/20	(0.5) Meeting to discuss next steps for P-card review as of 1/31 . Began discussions regarding contractor review. Attendees: J. Gonzalez III (Principal, KPMG), T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (KPMG), J. Karlin (KPMG)	0.5	\$ 550.00	\$ 275.00
Angie Liang	01/31/20	(0.5) Met to discuss top priorities, final changes in deck, sequential modeling results. Serial pipeline has been run but results are complex and need to be parsed into an overview. Double check phase 2 penalties and phase 3 that have been changed to ensure none are in test set. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG),	0.5	\$ 325.00	\$ 162.50
David Hall	01/31/20	(0.5) Discussed the preprocessing pipeline for PDFs in order to extract and clean up text and prepare for modeling. Also discussed some of the modeling approach, parameters, and tuning procedures. Attendees: R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG)	0.5	\$ 425.00	\$ 212.50
David Hall	01/31/20	(0.5) Discussed top priorities including final changes in deck, sequential modeling results. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 425.00	\$ 212.50
Eloise Pinto	01/31/20	(0.5) Meeting to discuss next steps for P-card review as of 1/31 . Began discussions regarding contractor review. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (KPMG), J. Karlin (KPMG)	0.5	\$ 475.00	\$ 237.50
Erin Vanderwall	01/31/20	(0.5) Meeting to discuss next steps for P-card review as of 1/31 . Began discussions regarding contractor review. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), J. Karlin (KPMG)	0.5	\$ 425.00	\$ 212.50
Faisal Khaled	01/31/20	(0.5) Discussed top priorities including final changes in deck, sequential modeling results. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG) A. Liang (Associate, KPMG)	0.5	\$ 425.00	\$ 212.50

EXHIBIT C16

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Gas and Electric Permitting Support Phase 2

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Faisal Khaled	01/31/20	(0.5) Discussed the preprocessing pipeline for PDFs in order to extract and clean up text and prepare for modeling. Also discussed some of the modeling approach, parameters, and tuning procedures. Attendees: R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG),	0.5	\$ 425.00	\$ 212.50
Faisal Khaled	01/31/20	(0.5): Updated executive presentation deck, as of 1/31, based on latest data.	0.5	\$ 425.00	\$ 212.50
Jen Karlin	01/31/20	(0.5) Meeting to discuss next steps for P-card review as of 1/31 . Began discussions regarding contractor review. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (KPMG)	0.5	\$ 425.00	\$ 212.50
Michelle Yeung	01/31/20	(0.5) Meeting to discuss next steps for Pcard review . Began discussions regarding contractor review. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), S. Greer (Manager, KPMG), E. Pinto (Manager, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (KPMG), Jennifer Karlin (KPMG)	0.5	\$ 325.00	\$ 162.50
Nicole Tran	01/31/20	(0.5) Meeting to discuss next steps for P-card review as of 1/31 . Began discussions regarding contractor review. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), T. Gaustad (Director, KPMG), E. Pinto (Manager, KPMG) M. Yeung (Associate, KPMG), E. Vanderwall (KPMG), J. Karlin (KPMG)	0.5	\$ 425.00	\$ 212.50
Rachel Wagner-Kaiser	01/31/20	(0.5) Discussed top priorities including final changes in deck, sequential modeling results. Attendees: R. Tuggle (Director, KPMG), Y. Fu (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Rachel Wagner-Kaiser	01/31/20	(0.5) Discussed the pre-processing pipeline for PDFs in order to extract and clean up text and prepare for modeling. Also discussed some of the modeling approach, parameters, and tuning procedures. Attendees: , D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Tabitha Gaustad	01/31/20	(0.5) Meeting to discuss next steps for P-card review . Began discussions regarding contractor review. Attendees: J. Gonzalez III (Principal, KPMG), A. Emelianov (Director, KPMG), E. Pinto (Manager, KPMG), N. Tran (Associate, KPMG), M. Yeung (Associate, KPMG), E. Vanderwall (KPMG), J. Karlin (KPMG)	0.5	\$ 550.00	\$ 275.00

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PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Gas and Electric Permitting Support Phase 2

January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Rate	Amount
Yiwen Fu	01/31/20	(0.5) Discussed top priorities including final changes in deck, sequential modeling results. Attendees: R. Tuggle (Director, KPMG), R. Wagner-Kaiser (Manager, KPMG), D. Hall (Sr. Associate, KPMG), F. Khaled (Sr. Associate, KPMG), A. Liang (Associate, KPMG)	0.5	\$ 475.00	\$ 237.50
Total Gas and Electric Permitting Support Phase 2 Services			<u>1,599.5</u>		<u>\$ 686,857.50</u>

EXHIBIT C17**PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088**2020 Electric System Inspections and Maintenance Program Services
January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Dennis Cha	01/02/20	2.5 Analytics: Merged the 2020 inspection planning worksheet with the 2020 system inspection resourcing & planning worksheet to create a resource view across all work types.	2.5	
Dennis Cha	01/02/20	1.7 Analytics: Continued, from earlier on 1/2, drafting the updated 2020 inspection planning worksheet with the patrol and inspection summary by work types, resource per month, and cost.	1.7	
Dennis Cha	01/02/20	1.5 Analytics: Analyzed "missing circuit" list in the circuit risk ranking per direction from J.C. Mathieson (PG&E) for data integrity.	1.5	
Dennis Cha	01/02/20	1.3 Analytics: Drafted the updated data workflow / output for 2020 distribution OH patrol based on direction from S. Urizar and J. Birch (PG&E).	1.3	
Dennis Cha	01/02/20	1.0 Analytics: Analyzed the pole integrity assessment model based on the new MCU data provided.	1.0	
Matthew Bowser	01/02/20	3.9 Development of BF / GA MAT Code budget and resource summaries as requested by M. Hvistendahl and J. Birch (PG&E).	3.9	
Katherine Hee	01/02/20	(2.8) PS - Created change communication field message slide deck at direction of K. Munson (PG&E);	2.8	
David Sanchez	01/02/20	0.5 Reviewed / revised the 2020 transmission inspection planning model by analyzing both capacity driven and demand driven forecasting for poles and towers separately; 1.0 Continued review / development of workpaper documentation for close out of Phase2 and Phase 3 of project deliverables to PG&E on EC Tag Optimization Program, Pole Integrity Assessment, and Work Planning & Scheduling; 0.5 Continued review / development of workpaper documentation for project close out of Phase 2 and Phase 3 of project deliverables to PG&E on PSPS Mitigation Plan Support, EC Tag Compliance Monitoring Support, and 2020 Inspection Planning;	2.5	
Katherine Hee	01/02/20	(2.3) PS - Attended 2020 Inspection field messaging meeting led by K. Munson (PG&E) to determine change communication messaging sent to field personnel with C. KingFelix (PG&E), C. Carrig (PG&E), R. Ashlock (PG&E);	2.3	

EXHIBIT C17**PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088**2020 Electric System Inspections and Maintenance Program Services
January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Katherine Hee	01/02/20	(0.3) - PMO Prepared tracking huddle board log with previous week's accomplishments and updates; (0.5) - PMO Attended 2020 Inspection Planning 1/2 huddle meeting led by J. Birch (PG&E) to discuss updates, challenges, and next steps with M. Bowser (KPMG); (0.5) - PMO Attended 2020 Inspection Planning Resource Loading Order meeting led by M. Hvistendahl (PG&E) to discuss loading order tool and elicit user feedback with M. Bowser (KPMG), and J. Birch (PG&E); (1.0) - PMO Updated 2020 Inspection planning huddle board log to reflect feedback from morning meeting;	2.3	
Matthew Bowser	01/02/20	2.1 Working session with D. Quinn, J. Birch, S. Urizar, and J. Dayton (PG&E) to review unit rates included in cost workbook.	2.1	
Matthew Bowser	01/02/20	1.5 Incorporate feedback from working session with business finance into monthly work / resource plan for BF / GA MAT codes.	1.5	
Katherine Hee	01/02/20	(0.8) PS - Attended meeting led by K. Munson (PG&E) to develop Inspection change communication field messaging slide deck for supervisor distribution with C. Carrig (PG&E);	0.8	
Katherine Hee	01/02/20	(0.7) PS - Updated change communication field message with additional information at direction of K. Munson (PG&E);	0.7	
Matthew Bowser	01/02/20	.5 Attend 1/2 inspections PMO huddle call led by J. Birch (PG&E)	0.5	
Dennis Cha	01/03/20	2.3 Analytics: Updated 2020 distribution OH patrol data workflow / output per updated direction from M. Hvistendahl (PG&E).	2.3	
Dennis Cha	01/03/20	3.0 Analytics: Drafted updates to the 2020 distribution OH inspection data workflow / output per updated direction from M. Hvistendahl (PG&E).	3.0	
Dennis Cha	01/03/20	1.6 Analytics: Continued, from earlier on 1/3, drafting the updates to the 2020 distribution OH inspection data workflow / output per updated direction from M. Hvistendahl (PG&E).	1.6	
David Sanchez	01/03/20	1.9 Developed project current status presentation deck, as of 1/3, for a proposal to PG&E on additional scope of work; 1.6 Updated the project current status presentation deck on additional scope of work items based on feedback received. ;	3.5	
Matthew Bowser	01/03/20	1.0 attend 1/3 PMO huddle call led by J. Birch (PG&E).; 2.0 Working session with J. Birch (PG&E) to detail next steps and immediate actions for week of 1/6.	3.0	
Katherine Hee	01/03/20	(2.8) PS - Started creating 2020 SI Program change strategy plan to communicate change activities to leadership and key stakeholders;	2.8	
Katherine Hee	01/03/20	(2.5) - PS Continued, from earlier on 1/3, to create field messaging communication slide deck for program change socialization to field personnel;	2.5	

EXHIBIT C17**PG&E Corporation and PG&E Company, et.al.
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January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Matthew Bowser	01/03/20	2.5 Continued, as of 1/3, development of BF / GA program work and resource plan, focus on beginning development of detailed monthly resource plans to drive supply driven work forecast.;	2.5	
Matthew Bowser	01/03/20	2.5 Review change management plan along with deliverable outlines created by K. Hee (KPMG) as requested by K. Munson (PG&E).	2.5	
Katherine Hee	01/03/20	(2.0) PS - Continued, as of 1/3, to create field messaging communication slide deck for program change socialization to field personnel;	2.0	
Katherine Hee	01/03/20	(0.8) PS - Attended change roadmap strategy meeting led by J. Birch (PG&E) to discuss change plan and identify key change activities with K.Munson (PG&E), M. Bowser (KPMG), and K. Hee (KPMG);	0.8	
Katherine Hee	01/03/20	(0.5) - PMO Attended 2020 Inspection Planning 1/3/20 huddle update led by J. Birch (PG&E) to discuss updates, challenges, and next steps with M. Bowser (KPMG);	0.5	
Matthew Bowser	01/05/20	Revise BF and GA overview and prepare work and resource planning templates to populate for all T/D/S programs on 1/6 and 1/7	2.5	
Dennis Cha	01/06/20	3.3 Analytics: Drafted a resource optimization tool applicable for all work types in 2020 system inspection worksheets.	3.3	
Dennis Cha	01/06/20	3.1 Analytics: Updated the 2020 transmission drone, helicopter, and climbing inspection planning worksheet based on new direction on resource optimization from J. Birch (PG&E).	3.1	
Dennis Cha	01/06/20	2.5 Analytics: Updated the 2020 distribution OH ground inspection planning worksheet based on new direction on resource optimization from J. Birch (PG&E).	2.5	
Dennis Cha	01/06/20	2.3 Analytics: Updated the 2020 transmission OH patrol planning worksheet based on new direction on resource optimization from J. Birch (PG&E).	2.3	
Dennis Cha	01/06/20	2.2 Analytics: Updated the 2020 distribution OH patrol planning worksheet based on new direction on resource optimization from J. Birch (PG&E).	2.2	
Dennis Cha	01/06/20	0.6 Analytics: Continued, from earlier on 1/6, drafting a resource optimization tool applicable for all work types in 2020 system inspection worksheets.	0.6	
Alex Esuoso	01/06/20	3.4 Redesigning "program and geography" table (for Underground inspections, Overhead inspections, Overhead Patrols and other major fields) so data is more easily digestible and can be manipulated by the client. This table will help explain by region by division so the client can see how many: are spent on each respective line item and what this means in terms of a total cost for inspection planning purposes	3.4	

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Case No. 19-30088**2020 Electric System Inspections and Maintenance Program Services
January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Katherine Hee	01/06/20	(3.30) - PS Continued, as of 1/6, to create the 2020 SI Program change strategy plan to communicate change activities to leadership and key stakeholders;	3.3	
Alex Esuoso	01/06/20	3.0 Perform tagging of the working month to the 2020 Transmission Inspection planning worksheet circuit listing, concurrently verifying the amounts and monthly bifurcation to the demand driven forecast and the inspections tab.	3.0	
David Sanchez	01/06/20	3.0 Performed tagging pf the working month to the Distribution Inspection and Transmission Patrol planning circuit listing, concurrently verifying the amounts and monthly allocate accurately to the demand driven forecast and the inspections tab;	3.0	
David Sanchez	01/06/20	2.7 Redesigned program and geography spreadsheet for OH Distribution Inspection and Patrol planning sheet so data can be more easily digestible and manipulated by client as scenarios change (this table will assist the client in there 2020 asset level planning across all regions in regards to total hours, resource counts, and inspections, concurrently verified output with the excess internal capacity and the demand driven forecast to illustrate how many resources would be needed in the year 2020 for all inspections);	2.7	
Taylor DeGrande	01/06/20	(1.0) Inspect App and Sherlock Discussion Led by Tony Morabe (PG&E) with various business representatives to understand which technology solutions are used for different inspection and preventative maintenance programs; (0.5) Attended demo led by T. Morabe (PG&E) to review capabilities of IT Inspection Telecom solution for alignment with T&D inspection tools.	1.5	
David Sanchez	01/06/20	2.4 Redesigned program and geography spreadsheet for OH Transmission Inspection and Patrol planning sheet so data can be more easily digestible and manipulated by client as scenarios change (this table will assist the client in there 2020 asset level planning across all regions in regards to total hours, resource counts, and inspections, also verified output with the excess internal capacity and the demand driven forecast to illustrate how many resources would be needed in the year 2020 for all inspections)	2.4	
Katherine Hee	01/06/20	(2.3) PS - Continued, from earlier on 1/6, creating 2020 SI Program change strategy plan to communicate change activities to leadership and key stakeholders;	2.3	

EXHIBIT C17**PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088**2020 Electric System Inspections and Maintenance Program Services
January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Alex Esuoso	01/06/20	2.1 Updated the 2020 Inspection planning database to properly allocate the Internal Inspector resource plan across all regions and divisions in the year 2020. The end goal is to see how many internal resources could be re allocated to other divisions while staying in the same region to minimize the amount of external inspectors the client would have to hire in order to meet demands focusing on finding the exact optimization curve from Feb Dec.	2.1	
Alex Esuoso	01/06/20	2.0 Continued, as of 1/6, updating the 2020 Inspection planning database in order to simplify the contract inspector resource plan and the internal inspector resource plan, concurrently verifying output with the excess internal capacity and the demand driven forecast to illustrate how many resources would be needed in the year 2020 for all inspections	2.0	
Alex Esuoso	01/06/20	Updated the Transmission patrol climbing worksheet building out the contractor inspectors estimate for the year 2020 by inserting a new loading order based on the Alteryx output. (.5) Cleaned the Resource plan tab to reset the demand driven capacity additional resources.(.5) Obtained the additional resources that would be needed based off of the demand tab (.5) and smoothed out resources for an accurate resource capacity visualization (.5).	2.0	
Scott Stoddard	01/06/20	Director review of monthly work plan and resource budget for transmission program v1 developed at the request of J. Birch and S. Urizar (PG&E)	2.0	
Taylor DeGrande	01/06/20	(2.0) Develop Work plan deliverable aligned with 2020 Electric Operations contract requirements outline scope, roles and responsibilities and structure for KPMG services.;	2.0	
Taylor DeGrande	01/06/20	(2.0) Develop Change management strategy / high level plan for System Inspections work.;	2.0	
Alex Esuoso	01/06/20	1.5 Reviewed the 2020 Transmission climbing inspection planning worksheet and updated contractor inspectors estimate for the year 2020	1.5	
David Sanchez	01/06/20	1.4 Developed 2020 Transmission Inspection Resource Planning presentation to present to client about optimal scenarios for asset level plans and resource allocation to meet inspection targets for 2020 (included charts and visualizations);	1.4	
Matthew Bowser	01/06/20	1.0 Attend 1/6 morning PMO Daily huddle call for Patrols and Inspections PMO led by J. Birch (PG&E).; 0.3 Attend 2020 Detailed work planning PMO 1/6 huddle call at the request of M. Hvistendahl;	1.3	
Taylor DeGrande	01/06/20	(1.3) Review / update overall program Schedule to close out activities completed in December and look ahead through January.;	1.3	

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Name	Date	Description	Hours	Amount
Katherine Hee	01/06/20	(1.2) - PS Updating 2020 SI Program change strategy plan to communicate change activities to leadership and key stakeholders based on feedback received	1.2	
Alex Esuoso	01/06/20	1.0 Met with D. Sanchez (KPMG) to discuss the Distribution Inspection planning and distribution patrols files focusing on the optimization curve for the resource planning for year 2020	1.0	
Alex Esuoso	01/06/20	1.0 Created PI Inspections program resource visualization diagram for patrols and inspections for the year 2020	1.0	
David Sanchez	01/06/20	1.0 Met with A. Esuoso (KPMG) to discuss the Distribution Inspection planning and distribution patrols files focusing on the optimization curve for the resource planning for year 2020	1.0	
David Sanchez	01/06/20	.9 Updated OH Distribution Patrol planning sheet for direction change by PG&E to include January in the analysis. This change required a whole re-optimization and allocation of resources and contractor inspector estimates;	0.9	
David Sanchez	01/06/20	.9 Updated OH Transmission Patrol planning sheet for direction change by PG&E to include January in the analysis. This change required a whole re-optimization and allocation of resources and contractor inspector estimates;	0.9	
Katherine Hee	01/06/20	(0.8) - PM - Attended 2020 Inspection Planning huddle update led by J. Birch (PG&E) to discuss updates, challenges, and next steps with M. Bowser, T. DeGrande (KPMG);	0.8	
Taylor DeGrande	01/06/20	(0.8) Attended 1/6 Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, K. Hee (KPMG).;	0.8	
David Sanchez	01/06/20	0.7 Continued, from earlier on 1/6, tagging the working month to the Distribution Inspection and Transmission Patrol planning circuit listing, concurrently verifying the amounts and monthly allocate accurately to the demand driven forecast and the inspections tab;	0.7	
Katherine Hee	01/06/20	(0.5) PS - Working session with K. Munson (PG&E) to review progress of change strategy plan and obtain feedback for incorporation;	0.5	
Taylor DeGrande	01/06/20	(0.5) Change strategy review with K.Munson (PG&E) and K. Hee (KPMG) is review change management strategy deck.;	0.5	
Dennis Cha	01/07/20	3.4 Analytics: Updated 2020 transmission drone and helicopter inspection planning worksheet based on the updated unit productivity and unit costs from M. Molina (PG&E).	3.4	
Dennis Cha	01/07/20	Analytics: Reviewed the resource-optimized version of the transmission drone (1.0) and helicopter inspection (1.0) worksheets, as well as transmission climbing inspection (1.4) worksheet.	3.4	

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Name	Date	Description	Hours	Amount
Dennis Cha	01/07/20	3.0 Analytics: Drafted the overview of the 2020 transmission patrol & inspection program, including the divisional split of inspection by month, costs, resource allocation, and external commitments.	3.0	
Dennis Cha	01/07/20	0.7 Analytics: Continued, from earlier on 1/7, drafting the overview of the 2020 transmission patrol & inspection program, including the divisional split of inspection by month, costs, resource allocation, and external commitments.	0.7	
Dennis Cha	01/07/20	0.5 Analytics: Continued, from earlier on 1/7, updating the 2020 transmission drone and helicopter inspection planning worksheet based on the updated unit productivity and unit costs from M. Molina (PG&E).	0.5	
Alex Esuoso	01/07/20	2.0 Reallocated inspector resources based off of new approach being taken for 2020 Transmission climbing inspection planning worksheet", concurrently smoothed out resources to ensure there are no excess external inspectors the client would be hiring. 1.0 Reran the entire workflow, repopulating the working months based off of the new information.	3.0	
David Sanchez	01/07/20	2.0 Updated Transmission Inspection circuit list with working months for each asset (utilizing a new formulaic method developed by A. Esuoso that incorporated the months correctly allowing the client to plan which month each item on the circuit list is going to be inspected);	2.0	
Katherine Hee	01/07/20	(3.0) PS - Continued, as of 1/7, creating the 2020 SI Program change strategy plan to communicate change activities to leadership and key stakeholders;	3.0	
Alex Esuoso	01/07/20	2.0 Used the formulaic method to populate all working months in the "2020 Substation Inspection Planning worksheet" substation listing, concurrently verifying the amounts and monthly bifurcation to the demand driven forecast and the inspections tab. .9 Built a new template for the region and zone allocation so the substation line items were pulled into the correct location creating optimum inspector capacity level.	2.9	
David Sanchez	01/07/20	2.6 Updated OH Distribution Inspection and Patrol, Transmission Inspection and Patrol, Drone, and Helicopter to meet the Plan of Reorganization (POR) requirements for 2020 goals that need to be met which is a funding and work plan commitment that PG&E has made to emerge from bankruptcy;	2.6	
Alex Esuoso	01/07/20	2.5 Continued, as of 1/7, tagging working month to the "2020 transmission inspection planning worksheet" circuit listing, concurrently verifying the amounts and monthly bifurcation to the demand driven forecast and the inspections tab	2.5	

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Name	Date	Description	Hours	Amount
Alex Esuoso	01/07/20	2.5 Created a formulaic approach to populate all working months in the "2020 transmission climbing inspection planning worksheet" circuit listing, concurrently verifying the amounts and monthly bifurcation to the demand driven forecast and the inspections tab (utilized bar graphs and tables to create a check of whether resource capacity superseded demand to ensure client was ahead of their demand curve for inspecting all structures).	2.5	
Taylor DeGrande	01/07/20	2.5 Attend inspection business requirements coordination meeting with Digital Catalyst, System Inspection, M&C, and PMO to understand scope and technology solution available to inspect T&D assets with open tags	2.5	
Taylor DeGrande	01/07/20	2.5 Perform Distribution Pilot scoping meeting preparation / agenda development.;	2.5	
Alex Esuoso	01/07/20	1.1 Created the 2020 Distribution patrol planning circuit listing, concurrently ranking the working month for over 36,000 rows of data to illustrate which poles needed need to be patrolled/inspected before the end of the year for the client.; 1.0 Created formulas / diagrams to help streamline this process for the client.	2.1	
David Sanchez	01/07/20	2.1 Created the Drone asset level planning sheet resource optimization and working month assignment to ensure all inspections for the FY20 were being met by internal and external inspectors. Also, this allowed the client to plan which month each item on the circuit list is going to be inspected;	2.1	
Katherine Hee	01/07/20	(1.0) - PMO Attended 2020 Inspection Planning 1/7 huddle update led by J. Birch (PG&E) to discuss updates, challenges, and next steps with M. Bowser (KPMG), T. DeGrande (KPMG), and K. Hee (KPMG); (1.0) - PMO Attended pilot planning scoping session led by J. Birch (PG&E) to align on logistics and identify outstanding preparations for the Distribution mini pilot;	2.0	
Katherine Hee	01/07/20	(2.0) PS - Continued, from earlier on 1/7, creating 2020 SI Program change strategy plan to communicate change activities to leadership and key stakeholders;	2.0	
Scott Stoddard	01/07/20	Director review of monthly work plan and resource budget for transmission program v2 developed at the request of J. Birch and S. Urizar (PG&E)	2.0	
Taylor DeGrande	01/07/20	(0.8) Attended 1/7 Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, K. Hee (KPMG).; (0.2) Senior associate review of summary from 1/7 huddle call developed by K. Hee (KPMG) prior to distributing to meeting attendees.; (1.0) Continue, as of 1/7, reviewing / updating master program Schedule update.;	2.0	

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Name	Date	Description	Hours	Amount
David Sanchez	01/07/20	1.5 Updated Transmission Inspection circuit list with working months for each asset. This allowed the client to plan which month each item on the circuit list is going to be inspected;	1.5	
Taylor DeGrande	01/07/20	1.5 Review Strike team request by J. Birch (PG&E) focusing on mobile application development	1.5	
David Sanchez	01/07/20	1.2 Updated Transmission Patrol circuit list with working months for each asset. This allowed the client to plan which month each item on the circuit list is going to be inspected;	1.2	
Katherine Hee	01/07/20	(1.0) PS - Continued, as of 1/7, to create field messaging communication slide deck for program change socialization to field personnel;	1.0	
Taylor DeGrande	01/07/20	1.0 Pilot scoping meeting with Distribution team led by J. Birch (PG&E) to discuss logistics and potential issues/roadblocks.;	1.0	
David Sanchez	01/07/20	0.9 Updated Transmission Inspection / Patrol asset level planning file with direction changes provided by PG&E to circuit list and internal resource count;	0.9	
David Sanchez	01/07/20	0.8 To ensure accuracy of asset level model with optimization and working month assignment, reviewed Transmission Inspection / Patrol / Drone, performing multiple checks and balances on the calculations to ensure demand and capacity were both met;	0.8	
David Sanchez	01/07/20	0.5 Consolidated Transmission Inspection working month assignment, south region, with Transmission Inspection working month assignment, north and central region, into one file;	0.5	
Taylor DeGrande	01/07/20	0.5 Consolidated information from planning discussion subsequent to client pilot meeting	0.5	
David Sanchez	01/07/20	0.4 Reran Distribution Inspection resource optimization to smooth spike in resource in December to ensure consistent ramp up and down in resources;	0.4	
Matthew Bowser	01/07/20	0.3 Attend 2020 Detailed work planning PMO 1/7 huddle call at the request of M. Hvistendahl;	0.3	
Dennis Cha	01/08/20	2.5 Analytics: Updated the 2020 system inspection distribution OH patrols and inspections block list as of 1/8	2.5	
Dennis Cha	01/08/20	2.5 Analytics: Updated the 2020 system inspection substation detailed inspection planning worksheet.	2.5	
Dennis Cha	01/08/20	1.0 Analytics: Reviewed 2020 system inspection work plan draft with J. Birch and S. Urizar (PG&E).	1.0	
Dennis Cha	01/08/20	1.0 Analytics: Reviewed the resource assumptions with M. Molina and K. Kirk (PG&E) for 2020 system inspection transmission aerial inspection.	1.0	
Dennis Cha	01/08/20	1.0 Analytics: Reviewed the 2020 system inspection transmission helicopter (.5) and drone planning (.5) worksheets.	1.0	
Dennis Cha	01/08/20	1.0 Analytics: Analyzed the loading orders / ordered circuit list for 2020 system inspection transmission helicopter and drone inspection.	1.0	

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Dennis Cha	01/08/20	0.5 Analytics: Updated 2020 system inspection PI summary as of 1/8	0.5	
Matthew Bowser	01/08/20	2.0 Attend System Inspections manager / supervisor communications program working session led by L. LoGrande (PG&E) to review changes in 2020. ; 2.1 Attend Digital Catalyst Q1 2020 sprint planning working session to review inputs for transmission and distribution P&I programs.;	4.1	
Matthew Bowser	01/08/20	3.9 Review Transmission / Distribution/Substation (T/D/S) work and resource plan developed on 1/6 and 1/7 with System Inspections and Business Finance to begin socialization of work demand and timing.	3.9	
Alex Esuoso	01/08/20	1.0 Created 2020 Drone Inspection Planning Worksheet. 1.0 Updated the Inspections tab by input updated loading order and then rebalancing the resources to accurately depict the new resource capacity that would be attributed to the Drone inspections. 1.4 In order to illustrate what the inspection planning will look like in 2020 for all Aerial Drone Inspections and in which months the work will commence, updated the Resource Visualization, Resource Plan, Demand driven capacity, capacity forecast, along with the respective circuit list	3.4	
Alex Esuoso	01/08/20	1.0 Created 2020 Helicopter Inspection Planning Worksheet. 1.0 Updated the Inspections tab by inputting the updated loading order and then rebalancing the resources to accurately depict the new resource capacity that would be attributed to the Helicopter inspections. 1.0 In order to illustrate what the inspection planning will look like in 2020 for all Aerial Helicopter Inspections and in which months the work will commence. Updated the Inspections tab, Resource Visualization, Resource Plan, Demand driven capacity, capacity forecast, and the respective circuit list to illustrate what the inspection planning will look like in 2020 for all Aerial Helicopter Inspections and in which months the work will commence	3.0	
Katherine Hee	01/08/20	(3.0) PS - Updated the 2020 SI Program change strategy plan to communicate change activities to leadership and key stakeholders;	3.0	
Taylor DeGrande	01/08/20	(3.0) Attend Digital Catalyst PI Planning workshop to review workload in upcoming sprints for mobile app development.;	3.0	
Alex Esuoso	01/08/20	2.2 Updated Transmission PI circuit lists file amounts / tables as of 1/8; specifically updated amounts and tables of OH detailed inspections, OH Aerial Helicopter, OH Aerial Drone tabs, summary tab that holds all major groups has been updated to reflect the respective changes for delivery to the client.	2.2	

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Name	Date	Description	Hours	Amount
Alex Esuoso	01/08/20	2.0 Reviewed Transmission Patrol template to verify demand driven forecast which will allow us to identify the correct amount of inspectors that are needed in 2020 to carry out the work load.	2.0	
David Sanchez	01/08/20	2.0 Created 2020 Drone Inspection Planning Worksheet (specifically the Inspections tab, Resource Visualization, Resource Plan, Demand Driven Forecast, Capacity forecast, and the respective Circuit List to illustrate what the inspection planning will look like in 2020 for all Aerial Drone Inspections and in which months the work will commence based on latest information from PG&E)	2.0	
Katherine Hee	01/08/20	(2.0) PS - Continued, as of 1/8, to create field messaging communication slide deck for program change socialization to field personnel;	2.0	
Scott Stoddard	01/08/20	Director review of monthly work plan and resource budget for transmission program v3 developed at the request of J. Birch and S. Urizar (PG&E)	2.0	
Taylor DeGrande	01/08/20	(2.0) Met with J. Kim (PG&E) to discuss and develop draft for 2020 IT roadmap.;	2.0	
Taylor DeGrande	01/08/20	(2.0) Developed System Inspection quarter 1 high level schedule of activities / key events for S.Urizar (PG&E) presentation.;	2.0	
Taylor DeGrande	01/08/20	(0.8) Attended 1/8 Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, K. Hee (KPMG).; (0.2) Senior associate review of meeting summary from huddle call developed by K. Hee (KPMG) prior to distributing to meeting attendees.; (1.0) Collaborate with S.Singh's (PG&E) executive assistant to schedule VP leadership meeting update as requested by J. Birch.;	2.0	
David Sanchez	01/08/20	1.6 Migrated asset level information from our planning sheets into the EO Work plan template for information to sync with the clients internal software systems;	1.6	
Katherine Hee	01/08/20	(0.30) PS - Working session with K. Munson (PG&E) to review change communication slide deck for supervisor level presentation; (1.20) PS - Revised change communication supervisor slide deck per review with K. Munson (PG&E);	1.5	
David Sanchez	01/08/20	1.2 Updated Transmission Inspection and Patrol planning worksheet based on changes the circuit list loading order change from PG&E;	1.2	
David Sanchez	01/08/20	1.2 Updated Transmission PI sheet with information from updated asset level plans that changed throughout the day per direction changes from PG&E (this information combines all the individual asset level plans into one sheet for the client to easily summary all the information)	1.2	
Katherine Hee	01/08/20	(1.20) PS - Revised change communication supervisor slide deck per 1/8 review with K. Munson (PG&E);	1.2	

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Name	Date	Description	Hours	Amount
David Sanchez	01/08/20	1.1 Assigned working months to circuit item on the Transmission Patrol planning sheet. This allowed the client to see when each circuit item would be inspection by month to coordinate with internal resources accordingly;	1.1	
David Sanchez	01/08/20	1.1 Assigned working months to circuit item on the Drone planning sheet. This allowed the client to see when each circuit item would be inspection by month to coordinate with internal resources accordingly;	1.1	
David Sanchez	01/08/20	1.1 Updated Distribution and Substation PI sheet with information from updated asset level plans that changed throughout the day per direction changes from PG&E. This information combines all the individual asset level plans into one sheet for the client to easily summary all the information;	1.1	
Taylor DeGrande	01/08/20	(1.0) Continued, as of 1/8, pilot planning support, develop agenda / material for upcoming meeting	1.0	
Taylor DeGrande	01/08/20	(1.0) Update system inspection calendar overview slide based on comments provided by M. Hvistendhal (PG&E).;	1.0	
Alex Esuoso	01/08/20	0.9 Continued, from earlier on 1/8, creating 2020 Helicopter Inspection Planning Worksheet. Updated the Inspections tab by inputting the updated loading order and then rebalancing the resources to accurately depict the new resource capacity that would be attributed to the Helicopter inspections.	0.9	
David Sanchez	01/08/20	0.7 Created graphs and data visualization to include in presentation to client on the Distribution PI planning sheet to assist the client with visualizing scenarios based on adjustments to constraints;	0.7	
Alex Esuoso	01/08/20	0.5 Continued, from earlier on 1/8, creating 2020 Drone Inspection Planning Worksheet.	0.5	
David Sanchez	01/08/20	0.5 Reviewed Helicopter Inspection template to verify demand driven forecast and capacity demand requirements were met, concurrently adjusted loads and resources counts to ensure commitments passed. This will allow us to identify the correct amount of inspectors that are needed in 2020 to carry out the work load;	0.5	
David Sanchez	01/08/20	0.5 Reviewed Drone Inspection template to verify demand driven forecast and capacity demand requirements were met (adjusted loads and resources counts to ensure commitments passed in order to allow us to identify the correct amount of inspectors that are needed in 2020 to carryout the work load)	0.5	
Katherine Hee	01/08/20	(0.30) PS - Met with K. Munson (PG&E) to discuss change communication slide deck for supervisor level presentation;	0.3	
Reid Tucker	01/08/20	(1.0) Partner review, as of 1/8, of Task 2 status reports, deliverables and risk reporting.	1.0	

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Dennis Cha	01/09/20	2.0 Analytics: Updated the 2020 system inspection PI summary based on comments from J. Birch, S. Urizar (PG&E), and M. Bowser (KPMG).	2.0	
Dennis Cha	01/09/20	1.5 Analytics: Updated 2020 system inspection distribution detailed inspection planning worksheet as of 1/9	1.5	
Dennis Cha	01/09/20	1.5 Analytics: Drafted the 2020 system inspection overview slide, outlining the volume of patrols/inspections and the process improvement from previous year.	1.5	
Dennis Cha	01/09/20	1.5 Analytics: Analyzed / updated the 2020 system inspection distribution patrols planning loading orders, concurrently ordering circuit list.	1.5	
Taylor DeGrande	01/09/20	(3.5) Attend Digital Catalyst PI Planning 1/9 workshop to review workload in upcoming sprints for mobile app development.;	3.5	
Katherine Hee	01/09/20	(3.0)PS Finalizing talking points along with change communication content to be socialized to the field managers, supervisors, and specialists;	3.0	
Katherine Hee	01/09/20	(2.0) PS - Continued, as of 1/9, revising change communication supervisor deck per review with K. Munson (PG&E); (1.0) PS - Attended change communication information review session led by K. Munson (PG&E) to align on program change messaging to field supervisor;	3.0	
Matthew Bowser	01/09/20	1.5 Attend 2020 Detailed Planning and Patrols & inspections 1/9 huddle call led by H. Jeffers (PwC, in place of T. Mintzer, J. Birch (PG&E), respectively.;	2.5	
		1.0 attend 1/9 2020 Detailed Planning Optimization call on behalf of M. Hvistendahl (PG&E) to advise on work and resource planning progress.		
David Sanchez	01/09/20	2.3 Updated all asset level spreadsheet data with ETL names for each block list, circuit list, and substation list (allows the client to tie the asset level planning sheets with their internal systems through a unique ID and pull the data in internally)	2.3	
Alex Esuoso	01/09/20	2.2 Reviewed the Distribution Patrol planning worksheet to verify that the max capacity: meets the demand: to achieve all inspections in 2020, specifically the formulas within the resource capacity tab to ensure completeness as to whether the resource capacity demand supersedes the demand driven capacity.	2.2	
Alex Esuoso	01/09/20	2.2 Reviewed the "Draft ETPM 2019 Bulletin 01072020" document to ensure completeness in Section 2 also modifying Asset Selection and Inspection Frequency. Ensured the table depicted the correct formulas based off of the client approach that was chosen to ensure the selection and inspection process from year 2020 into the future was correct.	2.2	

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Katherine Hee	01/09/20	(0.80) - PM - Attended 2020 Inspection Planning huddle 1/9 update led by J. Birch (PG&E) to discuss updates, challenges, and next steps with M. Bowser, T. DeGrande (KPMG); (0.70) - PM - Updated daily huddle board with announcements and risk and escalations stated during morning 2020 Inspection Planning huddle; (0.5) - PM - Attended Distribution mini pilot meeting led by J. Birch (PG&E) to align on logistics for the Distribution mini pilot;	2.0	
Alex Esuoso	01/09/20	1.6 Reviewed / updated the working months for the 2020 Distribution Inspection Planning worksheet rebalancing the additional inspectors table based on the updated information received. Also repopulated working months based off of the transposed table created in the demand driven capacity tab to illustrate the working month for all 19 divisions.	1.6	
Matthew Bowser	01/09/20	1.5 Review change management deliverable developed by K. Munson (PG&E) and K. Hee (KPMG) for socialization of 2020 P&I program changes.	1.5	
Taylor DeGrande	01/09/20	(1.5) Incorporate updates for 2020 IT Roadmap from discussions with J. Kim (PG&E).;	1.5	
David Sanchez	01/09/20	1.4 Updated OH Transmission Inspection and Patrol planning sheet based on changes from PG&E to loading order. Had to reallocate internal inspectors from Patrol to Inspection to decrease external contractor need and to ensure total internal inspector count balances. Adjusted working month and inspector distribution within each region;	1.4	
David Sanchez	01/09/20	1.2 Updated OH Distribution Inspection asset level plans based on changes from PG&E with removal of assets from the block list (based on updated block list, internal resource allocation had to be readjusted as well as working month for each item)	1.3	
David Sanchez	01/09/20	1.2 Updated OH Distribution Inspection asset level plans based on changes from PG&E to not reallocate internal resources within respective divisions (based on updated internal resource allocation had to be readjusted along with working month for each item);	1.2	
David Sanchez	01/09/20	1.2 Updated OH Distribution Patrol asset level plans based on changes from PG&E with removal of assets from the block list (based on updated block list, internal resource allocation had to be readjusted as well as working month for each item)	1.2	
David Sanchez	01/09/20	1.1 Updated amounts and tables in the Distribution PI circuit lists file. Updated amounts and tables of OH and UG detailed inspections and OH and UG Patrols tabs. Summary tab that holds all major groups has been updated to reflect the respective changes as well for delivery to the client;	1.1	

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David Sanchez	01/09/20	1.2 Updated Transmission Drone asset level plans based on changes from PG&E to work demand and resource plans (based on updated block list, internal resource allocation had to be readjusted as well as working month for each item)	1.1	
Taylor DeGrande	01/09/20	(1.0) Working session with K. Hee on developing slides to communication system inspection changes to field management.;	1.0	
Taylor DeGrande	01/09/20	(1.0) Distribution pilot planning discussion with D. Whittmer (PG&E) and J. Birch (PG&E) focused on training elements and schedule.;	1.0	
Taylor DeGrande	01/09/20	(0.8) Attended 1/9 huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, K. Hee (KPMG) (0.2) Perform senior associate review of meeting summary drafted by K. Hee prior to distribution to meeting attendees.;	1.0	
David Sanchez	01/09/20	0.9 Validated results (OH Distribution Inspection and Patrol .4 and OH Transmission Inspection and Patrol .5) to verify that the max capacity hours meet the demand hours to achieve all inspections in 2020;	0.9	
Dennis Cha	01/10/20	1.5 Analytics: Drafted the 2020 system inspection distribution patrol/inspection maintenance plan per request from J. Birch (PG&E).	1.5	
Dennis Cha	01/10/20	0.5 Analytics: Analyzed the total block counts and asset counts for 2020 system inspection distribution inspection per request from J. Birch (PG&E).	0.5	
Alex Esuoso	01/10/20	3.1 Using the most current PI circuit list which is illustrated at a summary level for each sector, updated the Distribution, Transmission, Substation folders.	3.1	
Katherine Hee	01/10/20	(3.0) PS - Attended field personnel manager / supervisor meeting with K. Munson (PG&E) and C. Carrig (PG&E) to socialize 2020 System Inspections Program changes to daily occupation;	3.0	
Katherine Hee	01/10/20	(3.0) PS - Updated 2020 SI Program change strategy plan, as of 1/10, to communicate change activities to leadership and key stakeholders;	3.0	
Alex Esuoso	01/10/20	2.9 Updated the Distribution PI inspections Program file to accurately depict the reallocation of resources from Inspection to Patrol sectors, mirroring this analysis into each individual asset level file by reallocating resources and ensuring the resource capacity level exceeded demand, also ensuring working months were updated and accurately depicted in the block list tabs.	2.9	

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David Sanchez	01/10/20	(1.4) Completed a QA/QC of all 9 asset level plans, concurrently compiling a list to eventually send to the client. In addition, made updates to the 3 PI level sheets (.5 each) with information from the asset level plans. The PI level sheets combines everything into once sheet for the client to sync with their systems;	2.9	
David Sanchez	01/10/20	2.1 Re-optimized the asset level plans for OH Distribution Inspection and Patrol due to direction change from PG&E due to inspection level decrease (internal resources were reallocated from Patrol to Inspection to balance resource total, resource allocations had to be adjusted for both and working month assignment had to be readjusted for both)	2.1	
Katherine Hee	01/10/20	(0.8) - PM - Attended 2020 Inspection Planning 1/10 huddle update led by J. Birch (PG&E) to discuss updates, challenges, and next steps with M. Bowser, T. DeGrande (KPMG); (0.2) - PM - Updated daily huddle board with announcements and risk and escalations stated during morning 2020 Inspection Planning huddle; (1.1) - PM - Attended pilot planning session led by J. Birch (PG&E) to identify needs for outstanding logistics for Distribution mini pilot;	2.1	
Alex Esuoso	01/10/20	2.0 Created a master folder of all 2020 Planning worksheets to begin compiling all files worked on within the last two weeks that document the monthly working plan, resources needed, demand and capacity inspections units and hours, and overall Inspections.	2.0	
Taylor DeGrande	01/10/20	Attended meeting led by J. Birch (PG&E) along with cross functional team supporting pilot efforts (1.0)	1.0	
Matthew Bowser	01/10/20	1.5 Attend 2020 Detailed Planning and Patrols & inspections 1/10 huddle call led by H. Jeffers (PwC, in place of T. Mintzer, PG&E) and J. Birch (PG&E), respectively.;	1.5	
Matthew Bowser	01/10/20	1.5 Review updated Distribution work plan months /file developed by D. Sanchez A. Esuoso (KPMG) due to changed criteria from J. Birch (PG&E);	1.5	
Matthew Bowser	01/10/20	1.0 Review circuit risk ranking attributes as requested by J. Thalman (PG&E) and M. Esguerra (PG&E).	1.0	
Scott Stoddard	01/10/20	Director review of monthly work plan and resource budget for transmission program v4 developed at the request of J. Birch and S. Urizar (PG&E)	1.0	
Taylor DeGrande	01/10/20	(0.8) Attended Daily Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, K. Hee (KPMG).; (0.2) Senior associate review of meeting summary from 1/10 huddle call developed by K. Hee (KPMG) prior to distributing to meeting attendees.;	1.0	

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Dennis Cha	01/13/20	3.3 Analytics: Reviewed / analyzed the distribution and transmission inspector peak resource count for the maximum needed iPad counts.	3.3	
Dennis Cha	01/13/20	3.0 Analytics: Drafted 2020 electric operations system inspection planning program directors' steering committee update slides 10-13, focusing on the patrols and inspections volume and resource requirements.	3.0	
Dennis Cha	01/13/20	3.4 Analytics: Drafted 2020 system inspection distribution patrols/detailed inspections resource overview slides 1-4, focusing on the division-level breakdown and resource assumptions.	3.4	
Dennis Cha	01/13/20	1.5 Analytics: D. Cha & A. Esuoso (KPMG) discussed next steps in presenting Distribution resource plan. Reviewed output of updated loading order and total inspections as well as working months analysis to ensure commitments were made within the year 2020. Discussed presenting resource plan not only by division, but by region and scope for different cuts/views for the next steps within the analysis.	1.5	
Dennis Cha	01/13/20	0.5 Analytics: Continued, as of 1/13, drafting 2020 system inspection distribution patrols/detailed inspections resource overview slides 1-4, focusing on the division-level breakdown and resource assumptions.	0.5	
Dennis Cha	01/13/20	0.4 Analytics: Continued, as of 1/13, reviewing and analyzing the distribution and transmission inspector peak resource count for the maximum needed iPad counts.	0.4	
Dennis Cha	01/13/20	0.2 Analytics: Continued, as of 1/13, drafting 2020 electric operations system inspection planning program directors' steering committee update slides 10-13, focusing on the patrols and inspections volume and resource requirements.	0.2	
Matthew Bowser	01/13/20	Develop work plan summary slides at the request of M. Hvistendahl (PG&E) based on latest patrols and inspections work plans.	3.9	
Taylor DeGrande	01/13/20	(3.3) Updated program schedule based on notes / comments discussed in client schedule review meeting and (.2) distribute to meeting participants for feedback on schedule activities that were not reviewed within the meeting.;	3.5	
Alex Esuoso	01/13/20	3.2 : Created work paper overview presentation for Distribution OH detailed inspection; specifically broke out Demand hours, demand units, resource capacity hours, and headcount by region, illustrated resource plan with bar charts, tables, and assumptions given by the client, created tables and charts after confirming quality of data.	3.2	

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Name	Date	Description	Hours	Amount
Alex Esuoso	01/13/20	3.2 : Created work paper overview presentation for Distribution Patrol; specifically broke out Demand hours, demand units, resource capacity hours, and headcount by region, illustrated resource plan with bar charts, tables, and assumptions given by the client, created tables and charts after confirming quality of data.	3.2	
Alex Esuoso	01/13/20	3.1.0 : Updated Distribution OH Detailed inspection and Distribution Patrol resource plan for 2020, specifically updating the loading order in the inspections tab to update the demand driven capacity to illustrate the monthly inspections that will need to be done in order to comply with commitment dates for both files. Re ran working months planning schedule based on the updated resource capacity approach taken in each respective block list tab.	3.1	
Alex Esuoso	01/13/20	3.0 : Due to new approaches being taken to meet commitments in May (for Tier 3 assets), August (for Tier 2 assets) and December (for Non HFTD assets), created three different iterations of Distribution OH detailed inspection	3.0	
Katherine Hee	01/13/20	(3.0) PS - Continued development of the 2020 SI Program change strategy plan to communicate change activities to leadership and key stakeholders;	3.0	
Katherine Hee	01/13/20	(3.0) PS - Created change strategy plan slide for socialization during Director SteerCo update meeting to communicate change communication executed and planned action items;	3.0	
Taylor DeGrande	01/13/20	(1.0) Develop material for directors meeting to provide an update on 2020 patrols and inspections program planning	2.0	
Alex Esuoso	01/13/20	2.0 : Created template of headcount and resource capacity: for all programs (Transmission, Distribution, and Substation) to determine how many iPad client will have to order for all their inspectors for 2020 planning and inspections to be completed.	2.0	
Matthew Bowser	01/13/20	Attend 2020 inspection planning schedule review meeting led by T. DeGrande (KPMG) at the request of J. Birch (PG&E) to review current schedule activities	2.0	
Taylor DeGrande	01/13/20	(2.0) Facilitated meeting with J. Birch, C.Madrigal, H. Duncan, S.Urizar, C. Kennedy, S. Lorain, K.Munson (PG&E) and K. Hee (KPMG) to update the 2020 Patrols and Inspections Program schedule activities and milestones.;	2.0	

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Alex Esuoso	01/13/20	1.5 : D. Cha, A. Esuoso (KPMG) discussed; next steps in presenting Distribution resource plan, output of updated loading order and total inspections as well as working months analysis to ensure commitments were made within the year 2020. Also discussed presenting resource plan not only by division, but by region and scope for different cuts/views for the next steps within the analysis.	1.5	
Matthew Bowser	01/13/20	Review 2020 work and resource plans developed by D. Cha, A. Esuoso (KPMG) for Manager review of work product.	1.5	
Matthew Bowser	01/13/20	Update MAT code budget summary tracking sheet for BF, GA, and AM2 at the request of M. Hvistendahl (PG&E) to reflect latest work plan data	1.5	
Taylor DeGrande	01/13/20	(1.5) Reviewed Technology roadmap with J. Kim (PG&E), C. Kennedy (PG&E), and C. Madrigal (PG&E) based on input provided by line of business stakeholders to help communicate Digital Catalyst (Technology organization) priorities for 2020.;	1.5	
Katherine Hee	01/13/20	(0.7) - PM - Attended 2020 Inspection Planning huddle update led by J. Birch (PG&E) to discuss updates, challenges, and next steps with M. Bowser, T. DeGrande (KPMG); (0.3) - PM - Updated daily huddle board with announcements and risks and escalations stated during morning 2020 Inspection Planning huddle;	1.0	
Taylor DeGrande	01/13/20	(0.8) Attended 1/13 Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, K. Hee (KPMG).;	0.8	
Katherine Hee	01/13/20	(0.5) PS - Revised the 2020 SI Program change strategy plan to communicate change activities to leadership and key stakeholders;	0.5	
Matthew Bowser	01/13/20	Attend 2020 Detailed Planning status update led by T. Mintzer (PG&E) and H. Jeffers (PwC) to review progress, next steps, and escalations towards developing the 2020 detailed work plan at the request of J. Birch and M. Hvistendahl (PG&E).	0.5	
Dennis Cha	01/14/20	3.1 Analytics: Analyzed 2020 System Inspections Transmission work and resource planning, focusing on BFZ (ground inspections) and BFT (climbing inspections).	3.1	
Dennis Cha	01/14/20	3.1 Analytics: Analyzed 2020 System Inspections Transmission work and resource planning, focusing on BFX-patrol (aerial patrol) and BFX-drone/heli (drone/heli inspections).	3.1	
Dennis Cha	01/14/20	1.5 Analytics: Updated the 2020 system inspection planning iPad analysis draft results based on comments from M. Bowser (KPMG).	1.5	

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Dennis Cha	01/14/20	1.0 Analytics: D. Cha & A. Esuoso (KPMG) discussed the output of all Transmission work types resource plans. Noted an inconsistent capacity driven forecast ratio between commitment dates in the Transmission detailed inspection file. Created a new capacity driven forecast ratio based on commitment dates for HFTD's to more accurately assess the resource capacity. Confirmed the resource capacity with data checks.	1.0	
Dennis Cha	01/14/20	1.0 Attend 2020 Inspections planning Director Update led by J. Birch (PG&E) to review key achievements, next steps, and escalations with the Director Steering committee. PMO support from KPMG in attendance included Matt Bowser, Engagement Manager, T. DeGrande (PMO Lead; IT Workstream lead); K. Hee (PMO Support, Change Management Workstream support), D. Cha (Asset Strategy workstream lead), and R. Stoddard (KPMG Engagement Director).	1.0	
Dennis Cha	01/14/20	1.0 Analytics: Reviewed 2020 System Inspections Transmission resource planning analysis drafted by A. Esuoso (KPMG).	1.0	
Dennis Cha	01/14/20	0.5 Analytics: Analyzed 2020 System Inspections Transmission loading order scoping.	0.5	
Taylor DeGrande	01/14/20	(3.3) Continue, as of 1/14, to develop presentation material for director update meeting.;	3.3	
Alex Esuoso	01/14/20	1.2 : Reviewed latest versions of the 2020 Distribution planning Patrol and detailed inspection files to check data integrity and processing aligned between output from Alteryx and analysis completed for resource planning in 2020. 1.0 Reviewed the difference between resource capacity in each file versus the demand driven capacity to ensure all inspections would be passed within the year per each division. Work was completed in the QA & QC tabs of each file. 1.0 Based on completed planning worksheets, updated graphs, charts, pivots .	3.2	
Taylor DeGrande	01/14/20	(2.6) Recap director meeting / actions items per request of J. Birch (PG&E)	2.6	
Katherine Hee	01/14/20	(3.0) PS - Continued, from earlier on 1/14, creating change communication calendar with key change activities and critical stakeholders;	3.0	
Matthew Bowser	01/14/20	Working session with D. Dunzweiler (PG&E) regarding tableau metrics update and automated dashboard for reporting on 2020 system inspections progress.	2.5	

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Name	Date	Description	Hours	Amount
Katherine Hee	01/14/20	(0.8) - PM - Attended 2020 Inspection Planning huddle 1/14 update led by J. Birch (PG&E) to discuss updates, challenges, and next steps with M. Bowser, T. DeGrande (KPMG); (1.0) - PM - Attended 2020 System Inspections Director Steer Co meeting led by J. Birch (PG&E) to socialize program updates and escalation areas with effected directors; (0.5) - PM Finalized Director SteerCo meeting notes to socialize resulting action items and key information discussed during update meeting;	2.3	
Alex Esuoso	01/14/20	2.1 : Updated Transmission detailed inspection resource planning based on new total 2020 inspection counts that was rerun within Alteryx; specifically updated loading order to reflect new approach, cleared resource plan to depict the new additional resources that would be needed based on demand driven capacity, updated the resource capacity worksheet to assist in the working month analysis, generated one unique row for each TLine ID so that both poles and towers would be consolidated.	2.1	
Katherine Hee	01/14/20	(1.70) PS - Updated daily huddle board with elements for Director SteerCo meeting working with S. Foster (PG&E) to determine current status of governance document routing in EDRS;	1.7	
Katherine Hee	01/14/20	(15) PS - Started creating change communication slide calendar with key change activities and critical stakeholders;	1.5	
Matthew Bowser	01/14/20	Review CWSP task 2 work and resource plan, as of 1/14, based on current requests from PG&E.	1.5	
Matthew Bowser	01/14/20	Manager review of updated BFA / BFB work plan developed by D. Cha and A. Esuoso (KPMG) resulting from changed PG&E scoping criteria per J. Birch and S. Urizar (PG&E).	1.5	
Alex Esuoso	01/14/20	1.4 : Updated Transmission Climbing resource planning based on new total 2020 inspection counts that was rerun within Alteryx; specifically loaded order to reflect new approach, cleared resource plan to depict the new additional resources that would be needed based on demand driven capacity, updated the resource capacity worksheet to assist in the working month analysis.	1.4	
Alex Esuoso	01/14/20	1.4 : Updated Transmission Drone resource planning based on new total 2020 inspection counts that was rerun within Alteryx; specifically updated loading order to reflect new approach, cleared resource plan to depict the new additional resources that would be needed based on demand driven capacity, updated the resource capacity worksheet to assist in the working month analysis.	1.4	

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Name	Date	Description	Hours	Amount
Alex Esuoso	01/14/20	1.4 : Updated Transmission Helicopter resource planning based on new total 2020 inspection counts that was rerun within Alteryx. Updated loading order to reflect new approach. Cleared resource plan to depict the new additional resources that would be needed based on demand driven capacity. Updated the resource capacity worksheet to assist in the working month analysis. Generated an accurate working month column for all assets listed in the Circuit list. Updated Resource hours, monthly resource equivalents, Actual hours, and all other formula driven columns.	1.4	
Alex Esuoso	01/14/20	1.4 : Updated Transmission Patrol resource planning based on new total 2020 inspection counts that was rerun within Alteryx; specifically updating loading order to reflect new approach, cleared resource plan to depict the new additional resources that would be needed based on demand driven capacity.	1.4	
Alex Esuoso	01/14/20	1.1.0 : Updated work paper overview slides for Transmission detailed inspection and transmission patrol resource plans; specifically broke out Demand hours, demand units, resource capacity hours, and headcount by region. Illustrated resource plan with bar charts, tables, and assumptions (given by the client).	1.1	
Alex Esuoso	01/14/20	1.0 : Met with D. Cha (KPMG) to discuss the output of all Transmission work types resource plans.	1.0	
Matthew Bowser	01/14/20	Attend 2020 Inspections planning Director Update led by J. Birch (PG&E) to review key achievements, next steps, and escalations with the Director Steering committee. PMO support from KPMG in attendance included Matt Bowser, Engagement Manager, T. DeGrande (PMO Lead; IT Workstream lead); K. Hee (PMO Support, Change Management Workstream support), D. Cha (Asset Strategy workstream lead), and R. Stoddard (KPMG Engagement Director).	1.0	
Matthew Bowser	01/14/20	Attend 2020 Inspections planning Director Update led by J. Birch (PG&E) to review key achievements, next steps, and escalations with the Director Steering committee. PMO support from KPMG in attendance included Matt Bowser, Engagement Manager, T. DeGrande (PMO Lead; IT Workstream lead); K. Hee (PMO Support, Change Management Workstream support), D. Cha (Asset Strategy workstream lead), and R. Stoddard (KPMG Engagement Director).	1.0	

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Name	Date	Description	Hours	Amount
Taylor DeGrande	01/14/20	(0.8) Attended 1/14 Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, K. Hee (KPMG).;	1.0	
		(0.2) Review meeting summary from daily huddle call developed by K. Hee (KPMG) prior to distributing to meeting attendees.;		
Taylor DeGrande	01/14/20	(1.0) Attended director meeting lead by J. Birch (PG&E) and PG&E Director Steering Committee to discuss updates on 2020 Patrols & Inspection Program with M. Bowser (KPMG) and K. Hee (KPMG).;	1.0	
Taylor DeGrande	01/14/20	(1.0) Attended contracting and staff augmentation information meeting led by S.Urizar (PG&E) with PG&E Sourcing to better understand next steps for resourcing for the inspection program.;	1.0	
Taylor DeGrande	01/14/20	(.8) Draft meeting summary from discussion with S. Urizar (PG&E) and (.2) distributed to meeting attendees.;	1.0	
Matthew Bowser	01/14/20	Attend 2020 system inspection PMO huddle call led by J. Birch (PG&E) to review progress, escalations, and next steps for the program.	0.8	
Katherine Hee	01/14/20	(0.30) PS - Working session led by K. Munson (PG&E) to discuss change management plan and receive approval on content of change strategy slide for Director SteerCo meeting;	0.3	
Reid Tucker	01/14/20	(1.0) Partner review, as of 1/14, of task 2 status reports, deliverables and risk reporting.	1.0	
Dennis Cha	01/15/20	3.2 Analytics: Analyzed 2020 System Inspections Transmission work and resource planning, focusing on BFZ (ground inspections) and BFT (climbing inspections).	3.2	
Dennis Cha	01/15/20	3.0 Analytics: Analyzed 2020 System Inspections Transmission work and resource planning, focusing on BFX-patrol (aerial patrol) and BFX-drone/heli (drone/heli inspections).	3.0	
Dennis Cha	01/15/20	1.5 Analytics: D. Cha & A. Esuso (KPMG) discussed data quality and checks to ensure consistent analysis approach was made throughout resource planning within all Transmission work type files. Reviewed Work Paper Overview slides and made comments on outstanding updates that need to be made based on aesthetics and data presented.	1.5	
Scott Stoddard	01/15/20	3.9 – Meet with team to catch up on PMO progress and analysis performed over the break and the 1st week of January.	3.9	
Taylor DeGrande	01/15/20	(2.0) Develop discussion items / material for Transmission pilot planning meeting; (1.0) Attended Transmission Pilot Planning meeting led by J. Birch (PG&E) with participation from Transmission business leads, Digital Catalyst, and training academy.;	3.5	
		(0.5) Draft meeting summary from Transmission Pilot Planning meeting.;		

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Name	Date	Description	Hours	Amount
Taylor DeGrande	01/15/20	(3.4) Develop preliminary program calendar of P&I program as requested by J. Birch (PG&E) to include key dates for communicating to supervisors and inspectors.;	3.4	
Alex Esuoso	01/15/20	Updated Distribution detailed Inspection and Patrol based on comments received (1.5) and updated workpaper overview slides accordingly (1.0)	2.5	
Alex Esuoso	01/15/20	2.3 : Updated Transmission Helicopter inspection planning based on updated approach; specifically verified data quality throughout entire planning file, concurrently updating working month analysis to ensure commitment dates were within compliance.	2.3	
Katherine Hee	01/15/20	(0.5) - PMO Updated team huddle board with additional workstreams and new attendees as of 1/15; (0.8) - PMO Attended 2020 Inspection Planning 1/15 huddle update led by J. Birch (PG&E) to discuss updates, challenges, and next steps with M. Bowser, T. DeGrande (KPMG); (1.0) - PMO Incorporated updates from daily huddle meeting to team huddle board and outlined the day's team goals and events and the action items and associated owner;	2.3	
Katherine Hee	01/15/20	(2.3) PS - Continued, as of 1/15, creating template for change communication activities calendar at request of K. Munson (PG&E);	2.3	
Matthew Bowser	01/15/20	Working session with J. Birch (PG&E) regarding updated BFA and BFB scoping methodology based on feedback to circuit based approach from Distribution asset strategy team.	2.3	
Alex Esuoso	01/15/20	2.2 : Updated Transmission Drone inspection planning based on updated approach; specifically verified data quality throughout entire planning file, concurrently updating working month analysis to ensure commitment dates were within compliance.	2.2	
Katherine Hee	01/15/20	(2.20) PS - Created 2020 System Inspections Program calendar to consolidate major milestones and activities in comprehensive view;	2.2	
Matthew Bowser	01/15/20	Manager review of updated BFX work plan developed by D. Cha and A. Esuoso (KPMG) resulting from changed PG&E scoping criteria from J. Birch and S. Urizar (PG&E)	2.0	
Katherine Hee	01/15/20	(1.80) PS -Continued, from earlier on 1/15, creating change communication activities calendar at request of K. Munson (PG&E);	1.8	

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Alex Esuoso	01/15/20	1.5 : Met with D. Cha (KPMG) to discuss data quality and checks to ensure consistent analysis approach was made throughout resource planning within all Transmission work type files, also walked through Work Paper Overview slides noting comments on outstanding updates that need to be made based on aesthetics and data presented.	1.5	
Matthew Bowser	01/15/20	Working session with J. Birch (PG&E) regarding revisions to BFX, BFT, and BFU transmission scoping criteria.	1.1	
Scott Stoddard	01/15/20	1.1 Review PG&E change plan being developed by Kelly Munson (PG&E) to compare with PMO progress and potential issues with training, and communications.	1.1	
Alex Esuoso	01/15/20	1.0 : Reviewed the Transmission Drone and Climbing resource planning files to ensure data quality and inspection commitments were being made across all working months.	1.0	
Matthew Bowser	01/15/20	Working session with J. Birch and M. Hvistendahl (PG&E) and T. DeGrande (KPMG) regarding unexpected Btags for discussion with Officers.	1.0	
Scott Stoddard	01/15/20	1.0 Attend PMO daily huddle meeting	1.0	
Scott Stoddard	01/15/20	1.0 Meet with J. Birch (PG&E) to understand key challenges and issues facing the March 1st inspection start date. Pass info along to Matt and Taylor (KPMG)	1.0	
Taylor DeGrande	01/15/20	(1.0) Followed up with meeting attendees from program schedule review to collect any comments or changes to schedule developed in the workshop.;	1.0	
Matthew Bowser	01/15/20	Attend 2020 Detailed Planning 1/15 status update led by T. Mintzer (PG&E) and H. Jeffers (PwC) to review progress, next steps, and escalations towards developing the 2020 detailed work plan at the request of J. Birch and M. Hvistendahl (PG&E).	0.8	
Matthew Bowser	01/15/20	Attend 2020 system inspection PMO huddle call led by J. Birch (PG&E) to review progress, escalations, and next steps for the program.	0.8	
Taylor DeGrande	01/15/20	(0.8) Attended 1/15 Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, K. Hee (KPMG).;	0.8	
Taylor DeGrande	01/15/20	(0.6) Assisted PG&E academy with obtaining access to Digital Catalyst's app to stay informed of updates / outages on the inspection app.;	0.6	
Dennis Cha	01/16/20	3.0 Analytics: Analyzed 2020 System Inspections Transmission work and resource planning, focusing on BFZ (ground inspections) and BFT (climbing inspections).	3.0	
Dennis Cha	01/16/20	3.0 Analytics: Analyzed 2020 System Inspections Distribution work and resource planning, focusing on data enhancement.	3.0	

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Name	Date	Description	Hours	Amount
Dennis Cha	01/16/20	1.0 Analytics: D. Cha & A. Esuoso (KPMG) discussed 2020 PI Summary file based on Transmission Asset Level Output which was derived from Alteryx workflow. Ensured Alteryx output and amounts were depicted in PI Summary under the Transmission program. Discussed different cuts of work and resource summary to be made.	1.0	
Dennis Cha	01/16/20	1.0 Analytics: Discussion with J. Birch and S. Urizar (PG&E) on 2020 System Inspections Transmission patrol & inspections scope and analysis progress.	1.0	
Taylor DeGrande	01/16/20	(0.8) Attended 1/16 Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, K. Hee (KPMG).; (0.2) Senior associate review of meeting summary from 1/16 huddle call developed by K. Hee (KPMG) prior to distributing to meeting attendees.; (1.0) Met with J. Birch (PG&E) and M. Hvistendhal (PG&E) to review and frame discussion of potential risk of unexpected Btags for leadership update.; (3.0) Develop presentation deck based on discussion with J. Birch (PG&E) and M.Hvistendhal for update to VP program Leadership.;	5.0	
Taylor DeGrande	01/16/20	(1.5) Attended Distribution training deep dive morning session led by Linda LoGrande (PG&E).; (3.0) Attended Transmission deep dive/fact finding meeting led by L. LoGrande (PG&E) to coordinate with J. Burrows (PG&E) on how training materials could be leveraged for Transmission line of business.; (1.0) Attended meeting led by M.Jhawar (PG&E) to discuss how maintenance plans and orders should be structured in SAP for start of System Inspections.;	5.0	
Matthew Bowser	01/16/20	Develop tableau dashboard for 2020 Patrols and Inspections program reporting of units, hours, and FTE equivalents.	3.9	
Katherine Hee	01/16/20	(3.6) PS - Continued, as of 1/16, creating change communication activities calendar at request of K. Munson (PG&E);	3.6	
Scott Stoddard	01/16/20	2.70 Discuss with J. Birch contents of executive level deck for presentation on 1/21/20. Provide team direction on pulling together preliminary drafts of presentation.	2.7	

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Name	Date	Description	Hours	Amount
Katherine Hee	01/16/20	(0.5) - PMO Updated team huddle board with additional workstreams and new attendees; (0.8) - PMO Attended 2020 Inspection Planning 1/16 huddle update led by J. Birch (PG&E) to discuss updates, challenges, and next steps with M. Bowser, T. DeGrande (KPMG); (1.3) - PMO Incorporated updates from 1/16 huddle meeting to team huddle board and outlined the day's team goals and events and the action items and associated owner;	2.6	
Alex Esuoso	01/16/20	1.5 : Updated Substation detailed inspection with new working month analysis. 1.0: Updated Workpaper overview slides accordingly based on new working month analysis.	2.5	
Alex Esuoso	01/16/20	2.2 : Began to update 2020 PI Summary sheet (Work and Resource Summary) based on updated Distribution, Transmission, and Substation amounts from the resource planning analysis completed	2.2	
Scott Stoddard	01/16/20	2.0 Review updated 2020 inspection plan and pricing model to further understand structure counts vs 'block' maps as this was brought up in the daily huddle PMO meeting.	2.0	
Matthew Bowser	01/16/20	Continued, as of 1/16, development of Tableau dashboards for reporting on 2020 Patrols and Inspections program work plan transfer completed dashboards into PPT.	1.5	
Scott Stoddard	01/16/20	1.5 Discuss with Matt Bowser the teams priorities heading into the week of 1/20/20 for delegation to the team.	1.5	
Alex Esuoso	01/16/20	1.3 : Updated Transmission Helicopter and Drone resource amounts, as of 1/16, based on comments received and verified totals against resource analysis completed.	1.3	
Katherine Hee	01/16/20	(1.2) PS - Attended System Inspections Transmission pilot training planning session with M. Hvistendahl (PG&E), L. LoGrande (PG&E), J. Burrows (PG&E), K. Hee (KPMG);	1.2	
Katherine Hee	01/16/20	(1.2) PS - Finalized pilot planning calendar notes from meeting for socialization with S. Urizar (PG&E);	1.2	
Matthew Bowser	01/16/20	Review executive leadership slides developed by T. DeGrande (KPMG) in preparation for Tuesday's ELT meeting for patrols and inspection program in 2020.	1.1	
Alex Esuoso	01/16/20	1.0 : D. Cha, A. Esuoso (KPMG) discussed 2020 PI Summary file based on Transmission Asset Level Output which was derived from Alteryx workflow, ensured Alteryx output and amounts were depicted in PI Summary under the Transmission program, also discussed different cuts of work and resource summary to be made.	1.0	

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Matthew Bowser	01/16/20	Manager review, as of 1/16, of updated BFT work plan developed by D. Cha and A. Esuoso (KPMG) resulting from changed PG&E scoping criteria per J. Birch and S. Urizar.	1.0	
Scott Stoddard	01/16/20	1.0 Attend 2020 System Inspections PMO 1/16 Huddle	1.0	
Matthew Bowser	01/16/20	Attend 2020 system inspection PMO huddle call led by J. Birch (PG&E) to review progress, escalations, and next steps for the program.	0.8	
Scott Stoddard	01/16/20	.8 Begin discussions with project team regarding deliverable based contract and begin building out deliverable tracking spreadsheet.	0.8	
Dennis Cha	01/17/20	2.0 Analytics: Reviewed / analyzed 2020 System Inspections patrols & inspections overview for Transmission, Distribution, and Substation by scope, HFTD, and division drafted by A. Esuoso (KPMG).	2.0	
Dennis Cha	01/17/20	1.5 Analytics: D. Cha & A. Esuoso (KPMG) discussed 2020 PI Summary file based on Transmission Asset Level Output and Distribution OH P&I Block List which was derived from Alteryx workflows. Discussed cost forecast updates to be made and created an updated blended unit cost for Transmission detailed inspection based on new working month amounts. Also discussed PI summary breakouts and how they should be illustrated in charts and visuals for ease of processing.	1.5	
Dennis Cha	01/17/20	0.5 Analytics: Discussion with J. Birch (PG&E) and M. Bowser (KPMG) on 2020 System Inspections Distribution patrol & inspection scoping.	0.5	
Taylor DeGrande	01/17/20	(1.5) Attended Distribution Pilot Planning workshop led by J. Birch (PG&E); (1.0) Facilitated Pilot planning meeting with J. Birch (PG&E) Transmission Operations, Digital Catalyst, and PG&E Academy to review scope and planning activity of Transmission pilot.; (3.0) Consolidate information collected from Transmission and Distribution pilot planning meetings into a single deck for distribution to meeting attendees.;	5.5	
Taylor DeGrande	01/17/20	(0.8) Attended 1/17 Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, K. Hee (KPMG).; (0.2) Senior associate review of meeting summary from 1/17 huddle call developed by K. Hee (KPMG) prior to distributing to meeting attendees.; (1.0) Attended S.Urizar' s (PG&E) weekly onboarding and training planning meeting with PG&E Academy to review planning and key training dates for onboarding contract inspectors.; (1.5) Draft consolidated slide deck to include key training dates from S.Urizar' s (PG&E) onboarding meeting.;	3.5	

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Matthew Bowser	01/17/20	Prepare updated budget summary (BF / GA / AM2 MAT code) as requested by M. Hvistendahl (PG&E) reflecting updates to unit rates and demand hours to BFX, BFA, BFB, and BFT between 1/9 and 1/17.	3.2	
Katherine Hee	01/17/20	(3.0) - PMO Reviewed Executive steering committee slide deck for meeting the following week with J. Birch (PG&E), T. DeGrande (KPMG), K. Hee (KPMG);	3.0	
Alex Esuoso	01/17/20	1.8 : Created Work & Resource Summary (PI summary) for different breakouts and views (PI Summary is illustrated by Division already). 1.0 : Created a template to illustrate by scoping source, by HFTD, and by region so depict the many cuts our block list can produce based on Alteryx workflow and for the ease of data digestion due to the robust analysis.	2.8	
Alex Esuoso	01/17/20	2.1.0 : Verified source data from Distribution OH P&I Block List and created pivots and charts to illustrate resource plan for 2020, concurrently checking total inspection counts per division and per region to ensure alignment between resource plan that had been updated.	2.1	
Katherine Hee	01/17/20	(1.8) PS - Reviewed the Transmission Inspect app mobile form with J. Birch (PG&E), R. Kirchhofer (PG&E), T. DeGrande (KPMG), K.Hee (KPMG);	1.8	
Alex Esuoso	01/17/20	1.6 : Updated 2020 PI Summary file to depict updated blended unit costs for each work type and MAT code by program, concurrently implementing costs against 2020 inspection planning worksheets.	1.6	
Alex Esuoso	01/17/20	1.5 : D. Cha, A. Esuoso (KPMG) discussed 2020 PI Summary file based on Transmission Asset Level Output and Distribution OH P&I Block List which was derived from Alteryx workflows. Discussed cost forecast updates to be made and created an updated blended unit cost for Transmission detailed inspection based on new working month amounts. Also discussed PI summary breakouts and how they should be illustrated in charts and visuals for ease of processing.	1.5	
Matthew Bowser	01/17/20	Attend Pilot Planning follow up planning working session led by J. Birch (PG&E) with T. DeGrande (KPMG) to discuss T&D pilot logistics in late January / February.	1.5	
Katherine Hee	01/17/20	(1.20) - PMO Attended pilot planning meeting to align on Distribution pilot logistics with J. Birch (PG&E), S. Urizar (PG&E), C. Madrigal (PG&E), T.DeGrande (KPMG), and K. Hee (KPMG);	1.2	
Katherine Hee	01/17/20	(1.0) - PM - Updated daily huddle board with announcements and risk and escalations stated during morning 2020 Inspection Planning huddle;	1.0	

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Katherine Hee	01/17/20	(1.0) - PM - Attended Transmission pilot planning meeting to align on pilot logistics with J. Birch (PG&E), Sylvia Urizar (PG&E), W. Shaw (PG&E), T.DeGrande (KPMG), K. Hee(KPMG);	1.0	
Matthew Bowser	01/17/20	Attend TLine Pilot Planning working session led by T. DeGrande (KPMG) at the request of J. Birch (PG&E) to review transmission specific pilot logistics and assign key stakeholders.	1.0	
Katherine Hee	01/17/20	(0.80) - PMO Attended 2020 Inspection Planning huddle update led by J. Birch (PG&E) to discuss updates, challenges, and next steps with M. Bowser, T. DeGrande (KPMG);	0.8	
Matthew Bowser	01/17/20	Attend 2020 Detailed Planning 1/17 status update led by T. Mintzer (PG&E) and H. Jeffers (PwC) to review progress, next steps, and escalations towards developing the 2020 detailed work plan at the request of J. Birch and M. Hvistendahl (PG&E).	0.8	
Matthew Bowser	01/17/20	Attend 2020 system inspection PMO 1/17 huddle call led by J. Birch (PG&E) to review progress, escalations, and next steps for the program.	0.8	
Katherine Hee	01/17/20	(0.5) - PMO Updated day's agenda with information / meeting invites to pilot planning sessions for distribution to team	0.5	
Dennis Cha	01/20/20	2.5 Analytics: Analyzed 2020 System Inspections Distribution work and resource planning, focusing on data enhancement.	2.5	
Dennis Cha	01/20/20	1.0 Analytics: D. Cha & A. Esuoso (KPMG) discussed 2020 PI Summary file based on different breakouts and ensured each breakout was accurately depicted and data is all tied back to source data from Alteryx workflow and from Inspection resource plans. Discussed why Distribution Inspection has a spike in September for total resources. Discussed new breakout that needs to be created by HFTD by Scope.	1.0	
Dennis Cha	01/20/20	1.0 Analytics: Discussion with J. Birch (PG&E) on the list of analytics backlog and relative priority.	1.0	
Dennis Cha	01/20/20	1.0 Analytics: Reviewed / analyzed "unexpected B-tag scope" for the 2020 System Inspections update.	1.0	
Dennis Cha	01/20/20	0.5 Analytics: Reviewed the 2020 System Inspections resource planning smoothing Distribution BFB drafted by A. Esuoso (KPMG).	0.5	
Katherine Hee	01/20/20	(1.0) - PM - Updated 2020 System Inspections Leadership deck slide with current status update of program timing; (2.0) - PM Created program action item tracker to formally track actions needing completion for 2020 System Inspections program;	3.0	

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Taylor DeGrande	01/20/20	(2.5) Updated executive leadership deck based on review comments / updates , as of 1/20, as directed by J. Birch (PG&E); (1.0) Developed engagement tracking log based on requirements / requests from PG&E to align KPMG team commitments and additional requests;	3.5	
Katherine Hee	01/20/20	(3.0) PS - Created ETPM tailboard document at request of J. Birch (PG&E);	3.0	
Taylor DeGrande	01/20/20	(0.5) Senior associate review of draft tailboard task from J. Birch (PG&E) with K. Hee (KPMG); (1.5) Updated Transmission and Distribution pilot planning deck based on updated from scoping meetings on Friday led by J. Birch (PG&E) and distributed to meeting attendees; (0.5) Follow-up with attendees identified regarding Transmission and Distribution pilots set to occur in the coming weeks;	2.5	
Alex Esuoso	01/20/20	1.9 : Investigated the 2020 Distribution Inspection Planning Worksheet 200115.xlsx file to determine why the resource plan illustrated a spike in total inspectors needed in September 2020 which is caused by the internal contractors high need due to demand.	1.9	
Alex Esuoso	01/20/20	1.5 : Created slide deck to illustrate inspection breakout analysis that explains amount of inspections in 2020 with different subject level detail (i.e. by MAT codes, by work types, by HFTD, by Scope, etc.)	1.5	
Alex Esuoso	01/20/20	1.2 : Continued, as of 1/20, Inspection breakout analysis for PI Summary by creating table that would explain MAT codes & work types by Scope, utilizing block list/circuit list data from each program to flip pivots that would illustrate the breakdown by MAT code and all work types by scope.	1.2	
Alex Esuoso	01/20/20	1.2 : Continued, as of 1/20, Inspection breakout analysis by creating table that would explain MAT codes & work types by HFTD	1.2	
Alex Esuoso	01/20/20	1.2 : Continued, from earlier on 1/20, to prepare Inspection breakout analysis by creating table that would explain MAT codes & work types & ETL ID/Block ID by month	1.2	
Alex Esuoso	01/20/20	1.0 : D. Cha, A. Esuoso (KPMG) discussed 2020 PI Summary file based on different breakouts and ensured each breakout was accurately depicted and data is all tied back to source data from Alteryx workflow and from Inspection resource plans. Discussed why Distribution Inspection has a spike in September for total resources. Discussed new breakout that needs to be created by HFTD by Scope.	1.0	
Katherine Hee	01/20/20	(1.0) PS - Continued, from earlier on 1/20, creating ETPM tailboard document;	1.0	

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Name	Date	Description	Hours	Amount
Dennis Cha	01/21/20	2.9 Analytics: Updated PI Summary sheet with the updated patrols & inspections resource information based on scope, HFTD, and division per request from M. Hvistendahl (PG&E).	2.9	
Dennis Cha	01/21/20	2.5 Analytics: Reviewed / analyzed the 2020 WMP scope related to 2020 System Inspections BFB per request from J. Birch (PG&E).	2.5	
Dennis Cha	01/21/20	2.0 Analytics: Discussion with M. Hvistendahl and J. Birch (PG&E) on WMP and 2020 System Inspections asset strategy on asset-level vs. block-level approach.	2.0	
Dennis Cha	01/21/20	1.5 Analytics: Drafted preliminary analysis on 2020 System Inspections Distribution inspection asset selection strategy on asset-level vs. block-level approach.	1.5	
Dennis Cha	01/21/20	1.1 Analytics: D. Cha & A. Esuoso (KPMG) reviewed Inspection breakout analysis files for 2020 and noted next steps that need to be taken such as formatting for the use on PowerPoint slides. Discussed 2020 PI Summary sheet and the data assurance and quality behind all amounts and where they derive from.	1.1	
Katherine Hee	01/21/20	(1.5) PS - Attended working session led by J Birch with K. Munson and S. Foster (PG&E) to update ETPM bulletin document; (0.8) PS -Working session with K. Munson (PG&E) to review ETPM bulletin and messaging to field managers; (1.0) PS - Continued, as of 1/21, creating change communication calendar with key change activities and critical stakeholders; (1.0) PS - Continued, as of 1/21, creating change communication slide with key change activities and critical stakeholders; (0.7) PS - Finalized ETPM tailboard document content;	5.0	
Taylor DeGrande	01/21/20	(1.5) Working session to develop Electric Transmission tailboard communicating key changes coming in 2020 inspection program with J. Birch, S. Foster, K.Munson (PG&E), and K. Hee; (0.5) Attended meeting led by J. Birch (PG&E) to coordinate Transmission pilot with Concord Supervisor (1.0) Developed new PMO status update deck for J. Birch (PG&E) based on discussion to enhance processes as meeting stakeholders and workstreams have grown.; (1.0) Follow up on actions items discussed in morning huddle meeting.; (1.0) Attended executive leadership System inspections update meeting led by J. Birch (PG&E) with K. Hee (KPMG) and S. Stoddard (KPMG).;	5.0	

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Name	Date	Description	Hours	Amount
Katherine Hee	01/21/20	(0.8) - PM - Attended 2020 Inspection Planning 1/21 huddle update led by J. Birch (PG&E) to discuss updates, challenges, and next steps with M. Bowser, T. DeGrande (KPMG); (2.0) - PM - Updated 1/21 huddle board per announcements made during huddle meeting, concurrently updating action items tracker with actions resulting from morning huddle meeting; (1.0) - PM - Attended Executive Steering Committee meeting led by J. Birch (PG&E) to socialize updates of the 2020 System Inspections program with executive leadership and receive approval; (0.3) - PM Debriefed Executive Steering Committee meeting with J. Birch (PG&E), noting follow up action items;	4.1	
Taylor DeGrande	01/21/20	(0.8) Attended 1/21 Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, K. Hee (KPMG); (0.7) Review huddle meeting summary / action items with K. Hee (KPMG) in advance of distribution to meeting attendees (2.5) Updated executive leadership deck, as of 1/21, based on review comments and updates directed by J. Birch (PG&E);	4.0	
Alex Esuoso	01/21/20	3.4 : Updated the 2020 PI Summary Sheet to illustrate all work types by HFTD, by Scope, and by Region which equates to three different tabs of information as opposed to just by Division.	3.4	
Matthew Bowser	01/21/20	Develop 2020 work plan view for inspection plans in HFTD areas by MAT codes as requested by M. Pender (PG&E) and J. Birch (PG&E)	2.5	
Alex Esuoso	01/21/20	2.4 : Updated the Inspection breakout analysis, as of 1/21, by Scope, HFTD, and ETL & Block list.	2.4	
Scott Stoddard	01/21/20	2.1 Director review of Executive Level presentation, concurrently documenting review notes.	2.1	
Scott Stoddard	01/21/20	1.5 Attend Executive Level PMO update meeting and debrief with attendees.	1.5	
Alex Esuoso	01/21/20	1.1 : Continued Inspection breakout analysis for PI Summary by creating table that would illustrate by Scope by HFTD	1.1	
Alex Esuoso	01/21/20	1.1 : D. Cha, A. Esuoso (KPMG) reviewed Inspection breakout analysis files for 2020 and noted next steps that need to be taken such as formatting for the use on PowerPoint slides. Discussed 2020 PI Summary sheet and the data assurance and quality behind all amounts and where they derive from.	1.1	
Scott Stoddard	01/21/20	.9hr attend PMO daily huddle	0.9	
Dennis Cha	01/22/20	3.3 Analytics: Continued, as of 1/22, the preliminary analysis on 2020 System Inspections Distribution inspection asset selection strategy on asset-level vs. block-level approach.	3.3	

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Dennis Cha	01/22/20	1.5 Analytics: Discussed the 2020 System Inspections Distribution output naming convention and format with J. Birch (PG&E).	1.5	
Dennis Cha	01/22/20	1.0 Analytics: D. Cha & A. Esuoso (KPMG) reviewed and discussed the Alteryx workflow that illustrates difference between asset level breakdown and block level/circuit level breakdown between Transmission and Distribution programs. Ensured data flow was consistent across the analysis and was appropriately illustrated in our analysis.	1.0	
Dennis Cha	01/22/20	1.0 Analytics: Discussion with J. Birch (PG&E) and M. Bowser (PG&E) on 2020 System Inspections Distribution inspection asset selection by asset-level vs block-level approach by HFTD.	1.0	
Dennis Cha	01/22/20	1.0 Analytics: Reviewed / analyzed the 2020 System Inspections Transmission patrols & inspections cost assumptions.	1.0	
Dennis Cha	01/22/20	1.0 Analytics: Discussed the 2020 System Inspections Distribution compliance scope with J. Birch (PG&E).	1.0	
Dennis Cha	01/22/20	1.0 Analytics: Reviewed / analyzed the 2020 System Inspections breakout view by program, division, scope, and HFTD.	1.0	
Katherine Hee	01/22/20	(2.0) PS - Attended Day 2 Training (Session 1) GO 165 deck meeting led by L. LoGrande (PG&E) to review content of the Day 2 training materials with inspection SMEs; (2.5) PS - Attending Day 2 Training (2nd session) GO 165 deck meeting led by L. LoGrande (PG&E) to review content of the Day 2 training materials with inspection SMEs;	4.5	
Katherine Hee	01/22/20	(0.8) - PM - Attended 2020 Inspection 1/22 Planning huddle update led by J. Birch (PG&E) to discuss updates, challenges, and next steps with M. Bowser, T. DeGrande(KPMG); (0.5) - PM Formulated PMO meeting cadence plan to align on next steps for PMO organization and action tracking; (3.0) - PM Continued, as of 1/22, creating PMO level action item tracker to report on status of outstanding and completed actions;	4.3	
Taylor DeGrande	01/22/20	(0.5) Prepared agenda follow up meeting with Digital Catalyst to discuss updated to Inspect App after Transmission pilot; (1.0) Pilot planning meeting with Transmission and Distribution stakeholders led by J. Birch (PG&E); (1.0) Follow up on pilot planning actions items / adjustments to planning material as of 1/22 for distribution to meeting attendees; (0.5) Attended Construct App demo led by Digital Catalyst to review capabilities of app to be used for Safety Reassessment scope.; (1.0) Developed material for KPMG work plan (scope, resources) for communication to PG&E.	4.0	

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Scott Stoddard	01/22/20	3.5 Based on feedback from executive level PMO update, begin to analyze circuit based vs structure based inspection approach and analysis.	3.5	
Alex Esuoso	01/22/20	2.9 : Created PI summary for HFTD by Asset level. This view allows us to see how many inspections per month would need to be done per individual asset basis.	2.9	
Matthew Bowser	01/22/20	Develop slides for follow-up action items resulting from 1/21 executive leadership meeting for 2020 inspections program.	2.0	
Matthew Bowser	01/22/20	Working session with J. Birch and S. Urizar (PG&E) for conversion of work demand in T/D/S to FTE hours for coordination with Contract Management for submission to 2020 Detailed Work Planning PMO.	2.0	
Alex Esuoso	01/22/20	1.5 : Created Venn Diagram slides for 2020 Distribution Inspection to illustrate what groups all 2020 inspections derive from	1.5	
Scott Stoddard	01/22/20	1.5 In order to suggest enhancements to existing PMO support work products, review PMO daily huddle trackers, deliverable tracker and meet with the team	1.5	
Taylor DeGrande	01/22/20	(1.0) Discuss action items and follow-up conversation from huddle meeting with J. Birch & S. Foster (PG&E); (0.5) Review K. Hee's (KPMG) updates to daily huddle board and action items prior to distribution to meeting attendees;	1.5	
Alex Esuoso	01/22/20	1.4 : Smoothed out the external contractors hires in the resource plan within the 2020 Distribution Inspection Planning worksheet (this will allow the client to not see spikes in external hires throughout the year while staying on track to meet all 2020 commitments).	1.4	
Matthew Bowser	01/22/20	Attend Inspect App Pilot Planning working session led by J. Birch (PG&E) to discuss upcoming pilot logistics and digital catalyst action items.	1.4	
Alex Esuoso	01/22/20	1.2 : Updated working months per our block list within the 2020 Distribution Inspection Planning worksheet to depict the new resource plan approach.	1.2	
Taylor DeGrande	01/22/20	(1.2) Prepare for pilot planning meeting with J. Birch (PG&E)	1.2	
Alex Esuoso	01/22/20	1.0 : D. Cha, A. Esuoso (KPMG) reviewed / discussed the Alteryx workflow that illustrates difference between asset level breakdown and block level/circuit level breakdown between Transmission and Distribution programs focusing on data flow consistency across the analysis and was appropriately illustrated in our analysis.	1.0	
Matthew Bowser	01/22/20	Working session with T. DeGrande, K. Hee, S. Stoddard to review PMO weekly cadence and structure and brainstorm implementation improvements as requested by J. Birch (PG&E).	1.0	

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Matthew Bowser	01/22/20	Development of QC program slide outline in preparation for working session with S. Stoddard (KPMG) tomorrow.	1.0	
Scott Stoddard	01/22/20	1.0 Document suggested revisions for circuit based vs structure based inspection approach,	1.0	
Scott Stoddard	01/22/20	1.0 attend daily huddle. As Directors from PG&E are beginning to attend these meetings, I am also attending to provide guidance as necessary.	1.0	
Scott Stoddard	01/22/20	1.0 Inspections PMO Daily Huddle & Meeting Cadence meeting	1.0	
Taylor DeGrande	01/22/20	(1.0) Updated internal PMO tracking items to be incorporated in to daily huddle meetings in the previous week.;	1.0	
Taylor DeGrande	01/22/20	(1.0) Working session with K. Hee, M. Bowser, S. Stoddard to review PMO weekly cadence and structure and brainstorm implementation improvements as requested by J. Birch (PG&E).	1.0	
Taylor DeGrande	01/22/20	(0.8) Attended 1/22 Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, K. Hee (KPMG);	0.8	
Taylor DeGrande	01/22/20	(0.5) Updated KPMG work paper documentation based on requests to develop communication tailboards for transmission guidance documents;	0.5	
Dennis Cha	01/23/20	3.2 Analytics: Analyzed the 2020 System Inspections Distribution BFB inspections exclusions due to compliance work due per request from J. Birch (PG&E).	3.2	
Dennis Cha	01/23/20	2.5 Analytics: Drafted visualization for the 2020 System Inspections Distribution BFB asset selection strategy based on asset-levels. block-level HFTD.	2.5	
Taylor DeGrande	01/23/20	(1.0) Attended Distribution training deck review meeting for upcoming pilot led by L. LoGrande and PG&E Academy team.; (3.5) Attended Transmission training deck workshop led by L. LoGrande (PG&E) and PG&E Academy team to review collateral from distribution training materials.;	4.5	
Katherine Hee	01/23/20	(3.0) Continued, as of 1/23, updating PMO action item tracker with status updates, reporting tables;	3.0	
Alex Esuoso	01/23/20	2.8 : Updated / completed the revision of PI summary slides for Distribution detailed inspection and Transmission detailed Inspection with Venn Diagrams by asset level and by Circuit/Block Level, concurrently reconciling total amounts with Alteryx workflow	2.8	
Scott Stoddard	01/23/20	2.6 Engagement QC meeting and deck development for deliverable quality and approval tracking	2.6	
Scott Stoddard	01/23/20	2.4 Continue, as of 1/23, to review circuit based vs structure based analysis and visualization before reviewing with PG&E.	2.4	

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Alex Esuoso	01/23/20	1.0: Reviewed PI summary by scope to ensure there is no differentiation between by Asset and by Block/Circuit level. 1.0: Consolidated all PI summary cuts into one master file, ensuring total amounts reconcile with all 2020 inspection planning analysis files created up to date.	2.0	
Katherine Hee	01/23/20	(2.0) Updated PMO action item log with status updates and reporting tool as of 1/23 to track completion dates and success;	2.0	
Matthew Bowser	01/23/20	Working session with S. Stoddard (KPMG) to develop engagement team response for upcoming QC Program meeting on 1/29	2.0	
Matthew Bowser	01/23/20	Working session with J. Birch and M. Hvistendahl (PG&E) to finalize circuit vs. asset based approach methodology descriptions for submission to S. Singh and A. Ababneh (PG&E).	2.0	
Taylor DeGrande	01/23/20	(0.8) Attended 1/23 Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, K. Hee (KPMG); (0.2) Senior associate review of meeting summary from 1/23 huddle call developed by K. Hee (KPMG) prior to distributing to meeting attendees.; (1.0) Consolidated presentation material for J. Birch's (PG&E) presentation to L. Jordan's (PG&E) Executive leadership team in regards to system inspections program.;	2.0	
Alex Esuoso	01/23/20	1.7 : Continued, as of 1/23, to compose the Circuit Ranking Memorandum by interpreting the processes taken in the Alteryx workflow undersection 3) analysis procedure summary.	1.7	
Alex Esuoso	01/23/20	1.5 : Completed reviewing / updating PI Summary on an asset level and Circuit ID/Block ID level by HFTD for Transmission and Distribution	1.5	
Katherine Hee	01/23/20	(1.5) PS - Attended meeting led by L. LoGrande (PG&E) to convert existing GO 165 Distribution training to Transmission training use;	1.5	
Matthew Bowser	01/23/20	Working session with S. Urizar (PG&E) to review BFB and BFA work plans for conversion of work demand to FTE hours.	1.5	
Matthew Bowser	01/23/20	Continued, as of 1/23, development of QC Program slides following working session with S. Stoddard (KPMG) in preparation for 1/29 meeting called by G. Armstrong (KPMG).	1.0	
Matthew Bowser	01/23/20	Attend Working Session led by J. Birch (PG&E) to discuss ECI involvement and next steps and transition plan for K. Munson (PG&E).	1.0	
Reid Tucker	01/23/20	(1.0) Partner review, as of 1/23, of status, risks, reporting for PM support	1.0	
Scott Stoddard	01/23/20	1.0 Attended daily huddle meeting	1.0	
Katherine Hee	01/23/20	(0.9) Updated huddle board, as of 1/23, with announcements and risks and escalations stated during morning 2020 Inspection Planning huddle;	0.9	

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Katherine Hee	01/23/20	(0.8) Attended 2020 Inspection 1/23 Planning huddle update led by J. Birch (PG&E) to discuss updates, challenges, and next steps with M. Bowser, T. DeGrande (KPMG);	0.8	
Katherine Hee	01/23/20	(0.5) Updated PMO action item log with status updates as of 1/23	0.5	
Dennis Cha	01/24/20	3.1 Analytics: Analyzed updated distribution asset selection for 2020 System Inspections BFB and BFA based on revised direction from J. Birch (PG&E).	3.1	
Dennis Cha	01/24/20	2.0 Analytics: Working session with J. Birch (PG&E) on 2020 Distribution asset data enhancement.	2.0	
Dennis Cha	01/24/20	1.0 Analytics: D. Cha & A. Esuoso (KPMG) reviewed and discussed the Alteryx workflow to ensure 2015-2019 CPUC due date and functional location was accurately depicted. Created data checks to ensure completeness and lack of lost circuit IDs.	1.0	
Dennis Cha	01/24/20	1.0 Analytics: Discussed block-based vs. circuit-based approach on risk work down with J. Birch (PG&E).	1.0	
Dennis Cha	01/24/20	0.5 Analytics: CWSP Task 2 session with R. Tucker, S.Stoddard, M. Bowser, T.DeGrande, D. Cha, A. Esuoso and K.Hee(all KPMG) to align on the current status, progress, and risks/challenges for KPMG's Asset Management support, and the 2020 inspection Planning support.	0.5	
Taylor DeGrande	01/24/20	(0.8) Attended 1/24 huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, K. Hee (KPMG); (0.2) Senior associate review of meeting summary from 1/24 huddle call developed by K. Hee (KPMG) prior to distributing to meeting attendees.; (1.0) Attended meeting led by S. Foster (PG&E) with M. Hvistendahl (PG&E) to discuss alignment between priority tag ratings for new and old system within current guidance documents.; (0.5) CWSP Task 2 session with R. Tucker, S.Stoddard, M. Bowser, T.DeGrande, D. Cha, A. Barrett (KPMG) to align on the current status, progress, and risks/challenges for KPMG's Asset Management support, and the 2020 inspection Planning support. (2.5) Working session with J. Birch (PG&E), M. Bowser, K. Hee for manager / sr. manager communication on 2020 inspection program progress to be sent out by M. Hvistendahl (PG&E).	5.0	

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Taylor DeGrande	01/24/20	(0.5) Attended meeting led by K.Munson (PG&E) to review change management scoping plan for system inspection out reach.; (2.0) Met with Distribution Inspection team at Concord Diablo Yard to review logistics for following week's pilot and setup Inspection command center.; (2.0) Continued discussion with Distribution inspection team and setup inspection command center for following week's pilot.;	4.5	
Alex Esuoso	01/24/20	2.9: Created Alteryx workflow by using source data from 20152019 that identifies Functional Location, Circuit ID, CPUC Due Date, MAT code, and Adjusted Planned units for each respective year.	2.9	
Katherine Hee	01/24/20	(2.5) PS - Continued, from earlier on 1/24, developing Distribution field pilot summary messaging to upper management to address accomplishments, difficulties, and follow up items;	2.5	
Matthew Bowser	01/24/20	Working session with J. Birch (PG&E), T. DeGrande, K. Hee to discuss 2020 inspection program progress to be sent out by M. Hvistendahl (PG&E).	2.5	
Alex Esuoso	01/24/20	2.4: Cleared out the inspections by loading order in the file 2020 Distributions Reworked Distribution Patrol with new loading order and Block list information, concurrently resetting the additional resources needed table as well as updating the resource plan tab based on new demand.	2.4	
Katherine Hee	01/24/20	(2.0) PS - Continued, as of 1/24, updating PMO action item tracker with status updates / reporting tables;	2.0	
Katherine Hee	01/24/20	(2.0) PS - Started creating Distribution field pilot summary messaging to upper management to address accomplishments, difficulties, follow up items for change communication purposes to System Inspections manager per request from K. Munson (PG&E);	2.0	
Matthew Bowser	01/24/20	Working session with Concord Field Compliance team regarding next week's pilot and upcoming patrols and inspections process changes led by J. Birch and B. Hildenbrand (PG&E).	2.0	
Matthew Bowser	01/24/20	Working session with J. Birch and J. Borders (PG&E) to review 2020 work plan methodology and EC Tag risk ranking methodology developed by J. Mathieson (formerly PG&E) in April 2019.	2.0	
Alex Esuoso	01/24/20	1.7: Updated the 2020 PI summary; specifically by breaking out Substation as its own program (AM2) out from the BF program, adding \$4 million in total cost under the infrared work type within the respective program, updating distribution monthly counts based on new output. Changes made across all tabs (by Division, by Scope, and by HFTD).	1.7	

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Katherine Hee	01/24/20	(0.8) - PM - Attended 2020 Inspection Planning huddle update led by J. Birch (PG&E) to discuss updates, challenges, and next steps as of 1/24 with M. Bowser, T. DeGrande (KPMG); (0.5) - PM Meeting with M. Bowser, T. DeGrande (KPMG) to align on PMO meeting cadence and upcoming tasks as of 1/24	1.3	
Alex Esuoso	01/24/20	1.0 : D. Cha, A. Esuoso (KPMG) reviewed / discussed the Alteryx workflow to ensure 20152019 CPUC due date and functional location was accurately depicted.	1.0	
Matthew Bowser	01/24/20	Attend Level 1/2/3 meeting led by S. Foster (PG&E) to discuss documentation of shift to numerical prioritization model.	0.8	
Katherine Hee	01/24/20	(0.5) PS - CWSP Task 2 session with R. Tucker, S.Stoddard, M. Bowser, T.DeGrande, D. Cha, A. Barrett (KPMG) to align on the current status, progress, and risks/challenges for KPMG's Asset Management support, and the 2020 inspection Planning support;	0.5	
Katherine Hee	01/24/20	(0.5) PS - Attended change plan meeting led by K. Munson (PG&E) to discuss current status of change communication plan and outstanding communication meetings to be scheduled;	0.5	
Matthew Bowser	01/24/20	CWSP Task 2 session with R. Tucker, S.Stoddard, T.DeGrande, D. Cha, K.Hee (KPMG) to align on the current status as of 1/24, progress, and risks/challenges for KPMG's Asset Management support, and the 2020 inspection Planning support.	0.5	
Dennis Cha	01/25/20	2.0 Analytics: Analyzed concurrently creating visualization of distribution inspection age (i.e. year the distribution pole was last inspected) per request from J. Birch (PG&E)	2.0	
Dennis Cha	01/25/20	1.5 Analytics: Updated analysis workflow on 2020 distribution patrol and inspection asset list	1.5	
Dennis Cha	01/25/20	0.5 Analytics: Discussed preliminary results on the 2020 distribution patrol and inspection asset list with J. Birch (PG&E)	0.5	
Alex Esuoso	01/25/20	3.1 : Updated Distribution Patrol resource planning, as of 1/25, based on new and updated loading order and block list according to new approach from the client.	3.1	
Alex Esuoso	01/25/20	3.1.0 : Updated Distribution detailed inspection resource planning, as of 1/25, based on new and updated loading order and block list according to new approach from the client.	3.1	
Dennis Cha	01/26/20	2.0 Analytics: Analyzed unmatched functional locations on 2020 BFA/B compared to historical PI merge for 2015-2019 period.	2.0	
Dennis Cha	01/26/20	2.0 Analytics: Discussed preliminary results on unmatched functional locations on 2020 BFA/B to historical PI merge for 2015-2019 and next steps with J. Birch (PG&E).	2.0	

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Dennis Cha	01/26/20	2.0 Analytics: Continued, as of 1/26, to analyze unmatched functional locations on 2020 BFA/B compared to historical PI merge for 2015-2019 period.	2.0	
Dennis Cha	01/26/20	2.0 Analytics: Updated block list for distribution patrol & inspection based on PI merge information and MP cycle study.	2.0	
Dennis Cha	01/27/20	3.0 Analytics: Updated data workflow and analyzed the 2020 System Inspections Distribution OH patrols & inspections asset to MP ID list per request from J. Birch (PG&E).	3.0	
Dennis Cha	01/27/20	2.0 Analytics: Analyzed / produced distribution asset - MP dictionary dataset per request from J. Birch (PG&E).	2.0	
Dennis Cha	01/27/20	1.5 Analytics: Reviewed with J. Birch (PG&E) the Transmission patrol & inspection asset-level dataset for discrepancy in HFTD.	1.5	
Dennis Cha	01/27/20	1.0 Analytics: Reviewed / analyzed the 2020 System Inspections Transmission patrols & inspections cost assumptions per request from M. Molina and J. Birch (PG&E).	1.0	
Dennis Cha	01/27/20	0.5 Analytics: D. Cha, A. Esuoso, and J. Spence (all KPMG) reviewed the updated data that will be published and imported into the TDS inspection planning worksheets. This analysis is necessary to reflect updates resource counts and shifts to verify commitments are still made throughout 2020. Discussed the significance of the resource plan and the need to level out resources in months where great spikes are seen.	0.5	
Taylor DeGrande	01/27/20	(3.5) Working session with J. Birch (PG&E) for Distribution pilot scenario planning and outline weeks agenda, structures, and assets as part of the pilot.;	3.5	
Alex Esuoso	01/27/20	3.0 : Continued, as of 1/27, to compose the 2020 Planning Circuit Risk Ranking Analysis Memorandum by restructuring the Analysis Procedure Summary	3.0	
Katherine Hee	01/27/20	(3.0) - PM - Updated action item tracker as of 1/27, with latest status updates on action taken and closed out items;	3.0	
Katherine Hee	01/27/20	(3.0) - PM -Continued, from earlier on 1/27, updating action items tracker with latest status updates and closed out tasks (1.0) Development of planning procedure of Distribution mini pilot (2.0)	3.0	
Alex Esuoso	01/27/20	2 : Working session with J. Spence (KPMG) to review Transmission, Distribution, and Substation inspection planning worksheets functionalities in order to import the latest total inspections data from updated Alteryx workflows and approaches and derive the working months within the block/circuit list. A work plan was developed in order to most efficiently derive the work months from this data.	2.0	

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John Spence	01/27/20	2.0 Working session with A. Esuoso (KPMG) to review Transmission, Distribution, and Substation (TDS) inspection planning worksheets functionalities in order to import the latest total inspections data from updated Alteryx workflows and approaches and derive the working months within the block/circuit list, concurrently developing work plan in order to most efficiently derive the work months from this data.	2.0	
John Spence	01/27/20	2.0 Reviewed TDS worksheets (5) in detail by tracking the formulas within them in order to develop a further understanding of how most efficiently to derive the work months from the source data.	2.0	
Matthew Bowser	01/27/20	Working session with M. Bowser, S. Stoddard, K. Hee, and T. DeGrande (KPMG) to discuss next steps for revisions to 2020 Inspections Planning huddle cadence, status templates, action items tracker, and escalations logs.	2.0	
Matthew Bowser	01/27/20	Working session with J. Birch and S. Urizar (PG&E) regarding potential upcoming changes to inspection scoping criteria to decrease Tier 2 to 33% of assets.	2.0	
Scott Stoddard	01/27/20	1.0 Daily Huddle 1.0 Meet with Matt to discuss list of questions from interveners regarding 2019 work	2.0	
Taylor DeGrande	01/27/20	(1.0) Discussion with M. Koffman (PG&E) from Vegetation Management to understand potential impacts to their program due to clarification on requiring access notifications issued against vegetation impacting secondary wires.;(0.8) Attended 1/27 Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, K. Hee (KPMG); (0.2) Senior associate review of meeting summary from huddle call developed by K. Hee (KPMG) prior to distributing to meeting attendees.:	2.0	
John Spence	01/27/20	1.8 Began importing the latest data from D. Cha (KPMG) into the TDS worksheets to extract the latest working month assignments.	1.8	
Alex Esuoso	01/27/20	1.5 : Updating Distribution Inspection and Patrol planning worksheet, as of 1/27, based on updated Alteryx outputs and new approach from client, concurrently verifying data across all resource planning worksheets, summaries, Alteryx output, and charts.	1.5	
Alex Esuoso	01/27/20	1.5 : Reviewed 2020 Planning Circuit Ranking.yxmd to ensure the Circuit Risk Ranking analysis was complete and the workflow did not have any apparent gaps, also ensuring data quality and integrity	1.5	

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Name	Date	Description	Hours	Amount
Katherine Hee	01/27/20	(1.0) PS - Attended meeting led by J. Birch (PG&E) to determine the process of response to secondary vegetation CGI tags during inspections; (0.5) PS - Attended Distribution mini pilot go / no-go meeting to determine readiness for pilot execution and align on pilot logistics;	1.5	
Taylor DeGrande	01/27/20	(1.5) Review presentation material / agenda for Pilot readiness assessment, go/no-go prep.;	1.5	
Katherine Hee	01/27/20	(1.4) - PM - Updated daily huddle board with announcements and risks and escalations stated during morning 2020 Inspection Planning huddle and socialized resulting action items;	1.4	
Alex Esuoso	01/27/20	1.0 : Updated 2020 PI summary according to the Distribution detailed inspection and patrol updates made (PI summary reflects new approach and data is aligned with Alteryx output created).	1.0	
John Spence	01/27/20	1.0 Reviewed "2020 TDS Work plan Overview" slides in order to identify areas that need to be updated to the most current and accurate information.	1.0	
Taylor DeGrande	01/27/20	(1.0) Process support discussion with Sylvia Urizar on assisting with team to help develop processes and templates for System Inspections.;	1.0	
Taylor DeGrande	01/27/20	(1.0) Draft email communication at the request of Sylvia Urizar to assist identify SME's for Distribution trainings.;	1.0	
Taylor DeGrande	01/27/20	(1.0) Update PMO huddle meeting work plan deck based on comments provided by J. Birch (PG&E).;	1.0	
Matthew Bowser	01/27/20	Attend 2020 Inspections Planning PMO 1/27 Huddle call led by J. Birch (PG&E) to discuss PMO progress, next steps and escalations for week of 1/27 focus on pilot activities for the week.	0.8	
Katherine Hee	01/27/20	(0.6) - PM - Attended 2020 Inspection Planning huddle update led by J. Birch (PG&E) to discuss updates, challenges, and next steps with M. Bowser, T. DeGrande (KPMG);	0.6	
Alex Esuoso	01/27/20	0.5 : D. Cha, A. Esuoso, and J. Spence (KPMG) discussed the updated data that will be published and imported into the TDS inspection planning worksheets. This analysis is necessary to reflect updates resource counts and shifts to verify commitments are still made throughout 2020. Discussed the significance of the resource plan and the need to level out resources in months where great spikes are seen.	0.5	
John Spence	01/27/20	0.5 Working session with M. Bowser (KPMG) to review scope of analysis support and next steps for week of 1/27.	0.5	

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Name	Date	Description	Hours	Amount
John Spence	01/27/20	0.5 Met with D. Cha, A. Esuoso (KPMG) to review the updated data that will be published and imported into the TDS inspection planning worksheets. Discussed the significance of the resource plan and the need to level out resources in months where great spikes are seen. This analysis is necessary to reflect updates resource counts and shifts to verify commitments are still made throughout 2020.	0.5	
Matthew Bowser	01/27/20	Working session with M. Bowser and J. Spence (KPMG) to review scope of analysis support and next steps for week of 1/27.	0.5	
Taylor DeGrande	01/27/20	(0.5) Conducted Minipilot go/no-go review led by J. Birch (PG&E) and representation from Digital Catalyst, PG&E Training Academy, and Operations to confirm pilot readiness.;	0.5	
Taylor DeGrande	01/27/20	(0.5) Reviewed Go/No-Go meeting discussion with J. Birch (PG&E).;	0.5	
Dennis Cha	01/28/20	2.0 Analytics: Working session with J. Birch (PG&E) on 2020 System Inspections Transmission asset-level vs. circuit-level HFTD execution approach.	2.0	
Dennis Cha	01/28/20	2.0 Analytics: Drafted the preliminary scope for 2020 System Inspections Transmission/Distribution/Substation work and resource planning analysis memorandum scope.	2.0	
Dennis Cha	01/28/20	1.0 Analytics: D. Cha, A. Esuoso, and J. Spence (KPMG) reviewed and discussed Transmission Distribution and Substation worksheet memorandums scopes and requirements. Work was assigned and distributed amongst the parties in order to successfully complete the analysis.	1.0	
Dennis Cha	01/28/20	1.0 Analytics: Working session with D. Cha and J. Spence (KPMG) to review the requirements of the Substation memo and how I will incorporate my summary and insight into the document to produce a complete and accurate overview of the Substation data process.	1.0	
Dennis Cha	01/28/20	1.0 Analytics: Discussion with R. Blake and J. Birch (PG&E) on 2020 maintenance work down plan analysis scope and procedure.	1.0	
Dennis Cha	01/28/20	1.0 Analytics: Follow up discussion with J. Birch (PG&E) on 2020 maintenance work down plan analysis scope and procedure.	1.0	
Katherine Hee	01/28/20	(1.8) PS - Attended Distribution mini pilot training session 1 led by D. Whitmer (PG&E) to inform inspectors of the changes in work approach and execution and prepare for Distribution mini pilot during remainder of the week; (3.5) PS - Attended Distribution mini pilot training session 2 led by D. Whitmer (PG&E) to inform inspectors of the changes in work approach and execution and prepare for Distribution mini pilot during remainder of the week;	5.3	

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Name	Date	Description	Hours	Amount
Scott Stoddard	01/28/20	2.4 Review / update engagement QC meeting materials in preparation for QC program kickoff meeting on 1/29 (Scott and Matt) 1.1 Perform director review, as of 1/28, of PMO status report material (meeting logs / actions items) developed by K. Hee, T. DeGrande (KPMG)	3.5	
Matthew Bowser	01/28/20	Working session with S. Stoddard (KPMG) to review and update engagement QC meeting materials in preparation for QC program kickoff meeting on 1/29	3.5	
Alex Esuoso	01/28/20	3.2: Reviewed Distribution all inspections analysis in workflow in Alteryx focusing on the 6 week process of the analysis build up, concurrently reviewing the data cleansing and outputs from each step to understand the data that was being pulled through the conclusion of our analysis for the use of the 2020 Distribution detailed inspection planning and patrol planning.	3.2	
John Spence	01/28/20	3.0 Draft Sections 12, 46 of the Substation memo in order give a complete overview of the purpose of the document and to present the relevant data and key takeaways from the algorithms run on the data in the "2020 Planning Substation Analysis Memorandum" file.	3.0	
John Spence	01/28/20	3.0 Begin drafting Section 3, Data Processing section of the Substation memo by summarizing the source data processing done in Alteryx. This summary will provide a complete understanding of how the source data is processed before being imported into the "2020 Substation Inspection Planning Worksheet" file to be further processed.	3.0	
Taylor DeGrande	01/28/20	(3.0) Attended Distribution pilot training (morning session) to collect inspector feedback and potential impacts to pilot plan.;	3.0	
Taylor DeGrande	01/28/20	(3.0) Attended Distribution pilot training afternoon session to collect inspector feedback and potential impacts to pilot plan.;	3.0	
Alex Esuoso	01/28/20	2.8 : Continued, as of 1/28, to compose the 2020 Planning Circuit Risk Ranking Analysis Memorandum by building out the Analysis Procedure Summary and illustrate the process in action steps	2.8	

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Katherine Hee	01/28/20	(0.3) - PM - Updated huddle board (1/28) with announcements and risk and escalations stated during morning 2020 Inspection Planning huddle; (0.5) - PM - Attended 1/28 2020 Inspection Planning huddle update led by J. Birch (PG&E) to discuss updates, challenges, and next steps with M. Bowser, T. DeGrande (KPMG); (0.5) - PM Working session with J. Birch (PG&E) to identify weekly goals for each workstream and target accomplishments to achieve during Distribution mini pilot; (1.5) - PM Action item update review, concurrently structuring reporting of outstanding action items and status indication;	2.8	
John Spence	01/28/20	2.5 Perform comparison of the preliminary draft of the data processing summary to the Alteryx data processing workflow in order to ensure accuracy, concurrently revising the summary to better align the two.	2.5	
Matthew Bowser	01/28/20	Working session with J. Birch (PG&E) to review data query differences between August 2019 Compliance Plan for Past Due tags data and November 2019 update.	2.5	
Alex Esuoso	01/28/20	2.0 : Updated the Transmission detailed inspection planning analysis, as of 1/28, after updated approach was taken and new loading order and circuit list was derived from Alteryx Inspection planning workflow.	2.0	
Matthew Bowser	01/28/20	Attend 2020 Inspections Planning PMO 1/28 Huddle call led by J. Birch (PG&E) to discuss PMO progress, next steps and escalations focusing on pilot activities for the week.	2.0	
Taylor DeGrande	01/28/20	(0.8) Attended 1/28 Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, K. Hee (KPMG); (0.2) Senior associate review of meeting summary from 1/28huddle call developed by K. Hee (KPMG) prior to distributing to meeting attendees.; (0.5) Review upcoming weeks activities and scheduled meetings for further discussion with K. Hee (KPMG).;	2.0	
Taylor DeGrande	01/28/20	(2.0) Working session with C. Eaton (PG&E) and S.Urizar (PG&E) to develop maintenance plan intake request form .;	2.0	
Taylor DeGrande	01/28/20	(1.2) Recap pilot planning information collected on 1/28 for distribution to meeting attendees.;	1.2	
Alex Esuoso	01/28/20	1.0 : Met with D. Cha, A. Esuoso, J. Spence (KPMG) to discuss Transmission Distribution and Substation worksheet memorandums scopes and requirements. Work was assigned and distributed amongst the parties in order to successfully complete the analysis.	1.0	

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Name	Date	Description	Hours	Amount
John Spence	01/28/20	(1.0) Met with D. Cha, A. Esuoso (KPMG) to discuss Transmission Distribution and Substation worksheet memorandums scopes and requirements in order to successfully complete the analysis.	1.0	
John Spence	01/28/20	1.0 Review the Alteryx file for Substation source data processing in order to accurately summarize the process for the "2020 Planning Substation Analysis Memorandum" file.	1.0	
John Spence	01/28/20	(1.0) Working session with D. Cha (KPMG) to review the requirements of the Substation memo, updates necessary to summary to produce a complete and accurate overview of the Substation data process.	1.0	
Matthew Bowser	01/28/20	Working session with J. Birch and M. Hvistendahl (PG&E) to review updated scoping criteria and align on feedback from leadership.	1.0	
Matthew Bowser	01/28/20	Attend 2020 Inspections Planning PMO 1/28 Huddle call led by J. Birch (PG&E) to discuss PMO progress, next steps and escalations focusing on pilot activities for the week.	0.8	
Taylor DeGrande	01/28/20	(0.8) Attended T&D pilot planning meeting led by J. Birch (PG&E) and cross functional teams.;	0.8	
Dennis Cha	01/29/20	3.5 PMO Attend 2020 Inspection Planning engagement QC Program kickoff led by G. Armstrong (KPMG) to review engagement progress to date, workpaper status, and overall engagement risks. Additional KPMG attendees include L. Daniels, S. Hoffman, R. Tucker, S. Stoddard, Y. Stahl, and D. Cha.	3.5	
Dennis Cha	01/29/20	1.0 Analytics: D. Cha, A. Esuoso, and J. Spence (all KPMG) reviewed and discussed 2020 Planning - Circuit Risk Ranking Analysis Memorandum and the process of recording the procedure summary. Reviewed the data sources and comments on the use within the analysis.	1.0	
Dennis Cha	01/29/20	1.0 Reviewed the 2020 System Inspections Substation work and resource planning analysis memorandum drafted by J. Spence (KPMG).	1.0	
Dennis Cha	01/29/20	1.0 Reviewed the 2020 circuit risk ranking analysis memorandum drafted by A. Esuoso (KPMG).	1.0	
Dennis Cha	01/29/20	1.0 Analytics: Continued to analyze the 2020 System Inspections Distribution asset data enhancement.	1.0	
Scott Stoddard	01/29/20	3.9 KPMG Engagement QC meeting with the ALP, Risk Management Partner and QC team (Lisa Daniels and Sean Hoffman).	3.9	
Taylor DeGrande	01/29/20	(3.6) Pilot support - assisted inspection command center team with tracking and logging issues discovered from field, data flow, and app functionality.;	3.6	
Katherine Hee	01/29/20	(3.5) PS - Attended day 1 session 1 of the Distribution mini pilot to implement the new Inspect application in a test environment and prepare for eventual full division deployment;	3.5	

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Name	Date	Description	Hours	Amount
Matthew Bowser	01/29/20	Attend 2020 Inspection Planning engagement QC Program kick off led by G. Armstrong (KPMG) to review engagement progress to date, workpaper status, and overall engagement risks. Additional KPMG attendees include L. Daniels, S. Hoffman, R. Tucker, S. Stoddard, Y. Stahl, and D. Cha.	3.5	
Taylor DeGrande	01/29/20	(3.4) Pilot support - continued, from earlier on 1/29, to assist inspection command center team with tracking and logging issues discovered from field, data flow, and app functionality.;	3.4	
John Spence	01/29/20	3.0 Began drafting the preliminary Transmission memo document in order to accurately summarize the Alteryx workflow process for the Transmission source data.	3.0	
Katherine Hee	01/29/20	(3.0) PS - Attended day 1 session 2 the Distribution mini pilot to implement the new Inspect application in a test environment and prepare for eventual full division deployment;	3.0	
Matthew Bowser	01/29/20	Working session with S. Stoddard (KPMG) to develop QC program materials and support workpapers.	3.0	
Scott Stoddard	01/29/20	3.0 Preparing for QC meeting mentioned above by rehearsing slides pulling in key deliverables and work paper documents for ease of presentation	3.0	
Alex Esuoso	01/29/20	2.9 : Continued, as of 1/29, composing the 2020 Planning Circuit Risk Ranking Analysis Memorandum section 4 (Data sources used) and section 5 (Default Values Used for Poor Quality Data).	2.9	
Alex Esuoso	01/29/20	2.6 :Updated the 2020 System Inspection Planning Distribution inspection analysis memorandum; specifically drafting the analysis procedure summary data loading and merging section to illustrate the process of inspection selection process.	2.6	
Katherine Hee	01/29/20	(0.5) - PM - Attended meeting led by J. Birch (PG&E) to outline the expected accomplishments and purpose of the pilot command center; (1.5) - PM - Attended 1/29 huddle debrief meeting led by J. Birch (PG&E) to gather feedback from pilot inspectors on data collection issues, application malfunctions, and general improved practice options; (0.5) - PM - Attended 1/29 afternoon PMO huddle meeting led by J. Birch (PG&E) to debrief team on the day's accomplishments during the pilot, issues encountered, and plan to address issues;	2.5	
John Spence	01/29/20	2.2 – Continued, as of 1/29, to draft the Transmission memo document in order to accurately summarize the Alteryx workflow process for the Transmission source data.	2.2	
Matthew Bowser	01/29/20	Working session with H. Duncan (PG&E) to develop scope and work plan for System Inspections reporting support workstream.	2.0	

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Name	Date	Description	Hours	Amount
Reid Tucker	01/29/20	(2.0) Partner review, as of 1/29, of deliverables, project risks, reports, work papers	2.0	
John Spence	01/29/20	1.9 Review the Alteryx file for Transmission source data processing in order to accurately summarize the process for the "2020 Planning Transmission Analysis Memorandum" file.	1.9	
Alex Esuoso	01/29/20	1.5 : Reviewed / updated the 2020 System Inspection Planning Substation Detailed Inspection Analysis Memorandum and looked at the Inspection planning Alteryx workflow to ensure the data validity and process alignment.	1.5	
Taylor DeGrande	01/29/20	(1.5) Inspection Command Center team working session to prepare for next day's pilot and review issue tracker log,;	1.5	
Alex Esuoso	01/29/20	1.0 : Met with D. Cha, A. Esuoso, J. Spence (KPMG) to discuss 2020 Planning Circuit Risk Ranking Analysis Memorandum and the process of recording the procedure summary, also discussed the data sources and comments on the use within the analysis.	1.0	
Alex Esuoso	01/29/20	1.0 : A. Esuoso and J. Spence (KPMG) discussed both the substation memo "2020 Planning Substation Analysis Memorandum.docx" and the circuit ranking memo "2020 Planning Circuit Ranking Analysis Memorandum.docx" in order to align the language and expectations from both documents to ensure consistency and accuracy.	1.0	
John Spence	01/29/20	(1.0) Met with D. Cha, A. Esuoso (KPMG) to discuss 2020 Planning Circuit Risk Ranking Analysis Memorandum and the process of recording the procedure summary, also discussed/reviewed the data sources and comments on the use within the analysis.	1.0	
John Spence	01/29/20	(1.0) – Working session with A. Esuoso (KPMG) to review /revise the substation memo "2020 Planning Substation Analysis Memorandum.docx" and the circuit ranking memo "2020 Planning Circuit Ranking Analysis Memorandum.docx" in order to align the language and expectations from both documents to ensure consistency and accuracy.	1.0	
Katherine Hee	01/29/20	(1.0) PS - Attended 1/29 morning huddle meeting with PG&E supervisor, specialist, and inspectors to outline the logistical plans for the day and the daily goals in piloting Inspect application;	1.0	
Matthew Bowser	01/29/20	Working session with H. Duncan (PG&E) to develop scope and work plan for System Inspections reporting support workstream.	1.0	
Matthew Bowser	01/29/20	Attend 2020 Inspections Planning PMO Daily Huddle call led by J. Birch (PG&E) to discuss PMO progress, next steps and escalations for week of 1/27 focus on pilot activities for the week.	1.0	

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Matthew Bowser	01/29/20	Attend afternoon huddle meeting led by J. Birch (PG&E) with Concord Field Inspection team to review completed inspections and Inspect Application bugs identified today.	1.0	
Matthew Bowser	01/29/20	Working session with S. Stoddard and R. Tucker (KPMG) to prepare for 1/29 QC program update.	1.0	
Taylor DeGrande	01/29/20	(0.8) Attended 1/29 Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, K. Hee (KPMG); (0.2) Senior associate review of meeting summary from 1/29 huddle call developed by K. Hee (KPMG) prior to distributing to meeting attendees.;	1.0	
Taylor DeGrande	01/29/20	(1.0) Attended afternoon review meeting with inspectors to discuss daily process and solicit feedback on mobile app and business processes.;	1.0	
John Spence	01/29/20	0.9 Continued, from earlier on 2/19, to draft the preliminary Transmission memo document in order to accurately summarize the Alteryx workflow process for the Transmission source data.	0.9	
Katherine Hee	01/29/20	(0.8) PS - Action item status update meeting with C. Carrig and T. Morabe (PG&E) to gather feedback on the state of open action items	0.8	
Taylor DeGrande	01/29/20	(0.5) Morning 1/29 huddle meeting with inspectors and inspection command center led by J. Birch (PG&E) to review daily assignment and roles/responsibilities of the command center team.;	0.5	
Taylor DeGrande	01/29/20	(0.5) Reviewed feedback from inspectors with M. Hvistendahl (PG&E) to discuss lessons learned and next day's agenda.;	0.5	
Dennis Cha	01/30/20	1.5 Analytics: D. Cha, A. Esuoso, and J. Spence (all KPMG) reviewed 2020 Planning - Circuit Risk Ranking Analysis Memorandum and discussed the language used to describe the process of recording the procedure summary and section 5 which covers the default values used for poor quality data.	1.5	
Dennis Cha	01/30/20	1.0 Analytics: J. Spence and D. Cha (KPMG) reviewed the 2020 Planning - Substation Analysis Memorandum in detail in order to identify areas that need to be revised and improved.	1.0	
Dennis Cha	01/30/20	1.0 Analytics: Reviewed the 2020 System Inspections Distribution work & resource planning analysis memorandum drafted by A. Esuoso (KPMG).	1.0	
Dennis Cha	01/30/20	1.0 Analytics: Reviewed the 2020 System Inspections Distribution work & resource planning analysis memorandum drafted by A. Esuoso (KPMG).	1.0	
Dennis Cha	01/30/20	1.0 Analytics: Discussion with S. Urizar and J. Birch (PG&E) on the 2020 Distribution OH inspections (BFB) revised approach.	1.0	

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Dennis Cha	01/30/20	1.0 Analytics: Performed preliminary analysis on the 2020 System Inspections Distribution work and resource planning based on revised approach from J. Birch (PG&E).	1.0	
Dennis Cha	01/30/20	0.5 Analytics: Reviewed the 2020 System Inspections Transmission work & resource planning analysis memorandum drafted by A. Esuoso (KPMG).	0.5	
Scott Stoddard	01/30/20	1.0 Daily huddle call; 1.80 Work with Matt to pull and transmit QC documentation requests for Yuuki. 3.0 Engagement administration and setup now that we have a fully executed contract. Provided Matt Bowser (Manager) with direction on new requirements, status update report templates.	5.8	
Matthew Bowser	01/30/20	Begin development of KPMG Work Plan (contract deliverable no. 1) for updated contract milestone dates based on approved CWA. Focus on deck outline and development of risk and change log.	3.9	
Alex Esuoso	01/30/20	3.0 : Continued, as of 1/30, to compose the 2020 Planning Circuit Risk Ranking Analysis Memorandum section 4 (Data sources used) and section 5 (Default Values Used for Poor Quality Data).	3.8	
Taylor DeGrande	01/30/20	(3.6) Pilot support - continued, from earlier on 1/30, to assist inspection command center team with tracking and logging issues discovered from field, data flow, and app functionality.;	3.6	
Katherine Hee	01/30/20	(3.5) PS - Attended the Distribution Day 2 mini pilot to implement the new Inspect application in a test environment and prepare for eventual full division deployment;	3.5	
Taylor DeGrande	01/30/20	(3.4) Pilot support - assisted inspection command center team, as of 1/30, with tracking and logging issues discovered from field, data flow, and app functionality.;	3.4	
Katherine Hee	01/30/20	(2.5) PS - Attended change communication ELT (session 1) led by M. Hvistendahl (PG&E) to communicate altered work approach and shift in methodology of overall inspection program;	2.5	
Katherine Hee	01/30/20	(2.3) PS - Attended second half of change communication ELT led by M. Hvistendahl (PG&E) to communicate altered work approach and shift in methodology of overall inspection program;	2.3	
Taylor DeGrande	01/30/20	(2.0) Inspection Command Center working session to prepare for next day's pilot and review issue tracker log.;	2.0	
Alex Esuoso	01/30/20	1.9 : Continued, as of 1/30, to prepare the 2020 System Inspection Planning Distribution inspection analysis memorandum, drafting the analysis procedure summary data loading and merging section to illustrate the process of inspection selection process.	1.9	

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Name	Date	Description	Hours	Amount
Alex Esuoso	01/30/20	1.5 : D. Cha, A. Esuoso, and J. Spence (KPMG) walked through 2020 Planning Circuit Risk Ranking Analysis Memorandum and discussed the language used to describe the process of recording the procedure summary and section 5 which covers the default values used for poor quality data.	1.5	
John Spence	01/30/20	1.5 D. Cha, A. Esuoso, J. Spence (KPMG) walked through the 2020 Planning Circuit Risk Ranking Analysis Memorandum, also discussing the language used to describe the process of recording the procedure summary and section 5 which covers the default values used for poor quality data.	1.5	
John Spence	01/30/20	1.2 – Revised the 2020 Planning Substation Analysis Memorandum per the suggestions / feedback received in the previous meeting, concurrently analyzing the Alteryx workflow and data processing in order to improve the accuracy and language of the summary.	1.2	
John Spence	01/30/20	(1.0) – Continued, as of 1/30, to revise the 2020 Planning Transmission Analysis Memorandum to enhance the accuracy / language within it.	1.0	
John Spence	01/30/20	(1.0) – Met with D. Cha (KPMG) to review the 2020 Planning Substation Analysis Memorandum in detail in order to identify areas that need to be revised and improved.	1.0	
Katherine Hee	01/30/20	(0.5) - PM - Attended meeting led by J. Birch (PG&E) to outline the expected accomplishments and purpose of the pilot command center during Day 2 of pilot; (0.5) - PM Called in to afternoon PMO huddle meeting led by J. Birch (PG&E) to debrief team on the day's accomplishments during the day 2 of the pilot, issues encountered, and plan to address issues;	1.0	
Katherine Hee	01/30/20	(1.0) PS - Attended morning huddle meeting with supervisor, specialist, and inspectors to outline the logistical plans for the day and the daily goals in piloting Inspect application during Day 2;	1.0	
Matthew Bowser	01/30/20	Attend afternoon huddle meeting led by J. Birch (PG&E) with Concord Field Inspection team to review completed inspections and Inspect Application bugs identified today.	1.0	
Matthew Bowser	01/30/20	Attend 2020 Inspections Planning PMO 1/30 Huddle call led by J. Birch (PG&E) to discuss PMO progress, next steps and escalations focusing on pilot activities for the week.	1.0	
Taylor DeGrande	01/30/20	(0.8) Attended 1/30 Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, K. Hee (KPMG); (0.2) Senior associate review of meeting summary from 1/30 huddle call developed by K. Hee (KPMG) prior to distributing to meeting attendees.;	1.0	

EXHIBIT C17**PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088**2020 Electric System Inspections and Maintenance Program Services
January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Taylor DeGrande	01/30/20	(1.0) Pilot support - attended afternoon (1/30) review meeting with inspectors to discuss daily process and solicit feedback on mobile app and business processes.;	1.0	
Alex Esuoso	01/30/20	0.8 : A. Esuoso and J. Spence (KPMG) walked through 2020 Planning Transmission Analysis Memorandum and discussed the interpretation of the output file and the Alteryx workflow for language used to describe the process of recording the procedure summary	0.8	
John Spence	01/30/20	0.8 Met with A. Esuoso (KPMG) to review/discuss the 2020 Planning Transmission Analysis Memorandum and the interpretation of the output file and the Alteryx workflow for language used to describe the process of recording the procedure summary	0.8	
John Spence	01/30/20	0.5 – Updated the 2020 Planning Transmission Analysis Memorandum based on the suggestions / feedback received from the team as of 1/30, specifically updating the summary of the data processing portion / expanding on the work month assignment summary.	0.5	
Taylor DeGrande	01/30/20	(0.5) Morning meeting with inspectors and inspection command center led by J. Birch (PG&E) to review daily assignment and roles/responsibilities of the command center team.;	0.5	
Taylor DeGrande	01/30/20	(0.5) Reviewed feedback from inspectors, as of 1/30, with M. Hvistendahl (PG&E) to discuss lessons learned and next day's agenda.;	0.5	
Dennis Cha	01/31/20	3.3 Analytics: Updated the analysis on comparison between 2020 WMP and 2020 System Inspections maintenance plan based on comments from M. Hvistendahl (PG&E).	3.3	
Dennis Cha	01/31/20	3.4 Analytics: Performed initial analysis on comparison between 2020 WMP and 2020 System Inspections maintenance plan per request from M. Hvistendahl (PG&E).	3.4	
Dennis Cha	01/31/20	0.8 Analytics: Discussion with M. Hvistendahl (PG&E) to review the preliminary analysis results of 2020 WMP and 2020 System Inspections maintenance plan.	0.8	
Dennis Cha	01/31/20	0.3 Analytics: Continued, as of 1/31, performing initial analysis on comparison between 2020 WMP and 2020 System Inspections maintenance plan per request from M. Hvistendahl (PG&E).	0.3	

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Case No. 19-30088**2020 Electric System Inspections and Maintenance Program Services
January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
Katherine Hee	01/31/20	(0.5) PS - Updated action item tracker with actions resulting from Distribution mini pilot; (1.0) - PM - Attended 1/31 morning huddle meeting with PG&E supervisor, specialist, and inspectors to debrief on overall Distribution pilot findings, issues, and successes with follow up action items defined; (1.0) - PM Updated action item tracker with actions resulting from Distribution mini pilot as of 1/31; (1.0) - PM - Attended 1/31 afternoon PMO huddle meeting led by J. Birch (PG&E) to debrief team on the Distribution mini pilot accomplishments, issues encountered, and execution plan to address action items;	3.5	
John Spence	01/31/20	3.9 Expanded on the 2020 Planning Transmission Analysis Memorandum by providing a detailed summary of the process of assigning work months to each detailed inspect and patrol type.	3.9	
Alex Esuoso	01/31/20	2.9 : Continued, as of 1/31, composing the 2020 Planning Circuit Risk Ranking Analysis Memorandum by clearing comments made on the section 4 (Data sources used) and section 5 (Default Values Used for Poor Quality Data).	3.9	
Taylor DeGrande	01/31/20	(3.7) Pilot support - assisted inspection command center team, as of 1/31, with tracking and logging issues discovered from field, data flow, and app functionality.;	3.7	
Taylor DeGrande	01/31/20	(3.3) Pilot support - continued, from earlier on 1/31, to assist inspection command center team with tracking and logging issues discovered from field, data flow, and app functionality.;	3.3	
Katherine Hee	01/31/20	(3.0) PS - Attended session 1 of the Distribution Day 3 mini pilot to implement the new Inspect application in a test environment and prepare for eventual full division deployment;	3.0	
Matthew Bowser	01/31/20	Continue, as of 1/31, development of KPMG Work Plan (contract deliverable no. 1) for updated contract milestone dates based on approved CWA. Focus on deliverable tables and overall engagement status.	3.0	
Alex Esuoso	01/31/20	2.1 : Reviewed the 2020 planning circuit risk ranking memorandum focusing on consistent language across the report assessing if language was accurate depiction of the processes taken within the Alteryx workflow.	2.1	
Katherine Hee	01/31/20	(1.5) PS - Attended session 2 of the Distribution Day 3 mini pilot to implement the new Inspect application in a test environment and prepare for eventual full division deployment;	1.5	
Matthew Bowser	01/31/20	End of week status update with M. Bowser (KPMG) and J. Birch (PG&E) to discuss pilot results this week and review work plan for next week's Transmission pilot.	1.5	

EXHIBIT C17

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Case No. 19-30088**

2020 Electric System Inspections and Maintenance Program Services
January 1, 2020 through January 31, 2020

Name	Date	Description	Hours	Amount
John Spence	01/31/20	1.1 Continued, from earlier on 1/31, to expand on the 2020 Planning Transmission Analysis Memorandum, providing a detailed summary of the process of assigning work months to each detailed inspect and patrol type.	1.1	
Katherine Hee	01/31/20	(1.0) PS - Prepared project status updates for project manager as of 1/31, detailing process support tasks and expected next steps;	1.0	
Matthew Bowser	01/31/20	Attend 2020 Inspections Planning PMO 1/31 Huddle call led by J. Birch (PG&E) to discuss PMO progress, next steps and escalations focusing on pilot activities for the week.	1.0	
Matthew Bowser	01/31/20	Attend afternoon huddle meeting led by J. Birch (PG&E) with Concord Field Inspection team to review completed inspections and Inspect Application bugs identified today.	1.0	
Taylor DeGrande	01/31/20	(0.8) Attended 1/31 Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, K. Hee (KPMG); (0.2) Senior associate review of meeting summary from 1/31 huddle call developed by K. Hee (KPMG) prior to distributing to meeting attendees.;	1.0	
Taylor DeGrande	01/31/20	(1.0) Attended afternoon 1/31 review meeting with inspectors to discuss daily process and solicit feedback on mobile app and business processes.;	1.0	
Katherine Hee	01/31/20	(0.5) PS - CWSP Task 2 session with R. Tucker, S.Stoddard, M. Bowser, T.DeGrande, D. Cha, A. Barrett (KPMG) to align on the current status, progress, and risks/challenges as of 1/31 for KPMG's Asset Management support, and the 2020 inspection Planning support;	0.5	
Taylor DeGrande	01/31/20	(0.5) Morning huddle (1/31) meeting with inspectors and inspection command center led by J. Birch (PG&E) to review daily assignment and roles/responsibilities of the command center team.;	0.5	
Taylor DeGrande	01/31/20	(0.5) Reviewed feedback from inspectors, as of 1/31, with M. Hvistendahl (PG&E) to discuss lessons learned and next day's agenda.;	0.5	
Total 2020 Electric System Inspections and Maintenance Program Services			1,066.5	\$ 370,000.00 ⁽¹⁾

⁽¹⁾ KPMG and the Debtors agreed to fixed-fee compensation for the 2020 Electric System Inspections and Maintenance Program Services. Payment of the fixed fee is dependent on an iterative process by which stages of the project go through a formal review, including a detailed walkthrough, modifications (if required) and client acceptance. As of January 31, 2020, KPMG is requesting the fixed-fee amount above for these services, as approved by the client.

KPMG Meeting Attendee Table Reference

Professional	Position	Role / Area of Specialization	Service
Andrei Emelianov	Director - Advisory	Responsible for managing ad hoc analysis required as part of the Permitting Support Phase 2 project (e.g., analysis required/requested by computer assisted testing team such as document annotation, AHJ definition, quality control).	Gas and Electric Permitting Support Phase 2
Christopher Wong	Associate - Advisory	Analyst responsible for extraction and analysis of supporting data from PG&E systems.	Gas and Electric Permitting Support Phase 2
Clay Gilge	Principal - Advisory	Phase 1 engagement partner; responsible for effective transition between Phase 1 and Phase 2 Permitting Support project.	Gas and Electric Permitting Support Phase 2
David Hall	Senior Associate - Advisory	Data scientist supporting the computer assisted testing model development team.	Gas and Electric Permitting Support Phase 2
Eloise Pinto	Manager - Advisory	Responsible for supervising staff activities, day-to-day coordination with PG&E stakeholders, quality control over work performed, preparing documentation for meetings and reporting.	Gas and Electric Permitting Support Phase 2
Jeffrey Strong	Manager - Advisory	Data analyst supporting the Permitting Support Phase 2 team. Repsonsible for ensuring integrity in the database created to document testing results and outcomes.	Gas and Electric Permitting Support Phase 2
John Stockdale	Associate - Advisory	Data scientist supporting the computer assisted testing model development team.	Gas and Electric Permitting Support Phase 2
Jonathan Boldt	Associate - Advisory	Analyst responsible for extraction and analysis of supporting data from PG&E systems.	Gas and Electric Permitting Support Phase 2
Juan Gonzalez III	Partner - Advisory	Engagement partner overseeing Permiiting Support Phase 2 project. Responsible for managing resources, providing direction on scope of work, providing guidance on methodologies that could be applied at various project decision points, client relationship and reporting.	Gas and Electric Permitting Support Phase 2
Kimberly Johnson	Manager - Advisory	Responsible for supervising staff activities, day-to-day coordination with PG&E stakeholders, quality control over work performed, preparing documentation for meetings and reporting.	Gas and Electric Permitting Support Phase 2
Michelle Yeung	Associate - Advisory	Analyst responsible for extraction and analysis of supporting data from PG&E systems.	Gas and Electric Permitting Support Phase 2
Nicole Tran	Senior Associate - Advisory	Analyst responsible for extraction and analysis of supporting data from PG&E systems.	Gas and Electric Permitting Support Phase 2
Rachael Graening	Senior Associate - Advisory	Analyst responsible for extraction and analysis of supporting data from PG&E systems.	Gas and Electric Permitting Support Phase 2
Rachel Wagner-Kaiser	Manager - Advisory	Lead data scientist for the computer assisted testing model development team.	Gas and Electric Permitting Support Phase 2
Ryan Tuggle	Director - Advisory	Engagment manager for the computer assisted testing portion of the Permitting Support Phase 2 team. Responsible for ensuring adherence to scope established by Engagement Partner and Engagement Manager, supervision of the data scientists, executive reporting on project status and outcomes.	Gas and Electric Permitting Support Phase 2
Scott Stoddard	Director - Advisory	Phase 1 engagement manager; responsible for effective transition between Phase 1 and Phase 2 Permitting Support project.	Gas and Electric Permitting Support Phase 2
Stephen Greer	Manager - Advisory	Analyst responsible for extraction and analysis of supporting data from PG&E systems.	Gas and Electric Permitting Support Phase 2
Tabitha Gaustad	Director - Advisory	Engagement manager overseeing Permiiting Support Phase 2 project. Responsible for managing resources, providing direction on scope of work, providing guidance on methodologies that could be applied at various project decision points, client relationship and reporting.	Gas and Electric Permitting Support Phase 2
Yiwen Fu	Manager - Advisory	Liaison between manual review and computer assisted testing teams for the Permitting Support Phase 2 project.	Gas and Electric Permitting Support Phase 2
Garrett Dupree	Associate - Advisory	Technical analyst for Data Security Services projects supporting data loss prevention (DLP) workstreams. Provides SMP support for Symantec DLP.	Data Security Services
Gary Rich	Manager - Advisory	Technical and project management lead for Data Security Services projects leading the Data De-identification workstream. Guides workstream's implementation and configuration of Collibra tool.	Data Security Services
Josh Conkel	Manager - Advisory	Technical lead for Data Security Services projects leading the Unstructured DLP Expansion and Cloud DLP expansion workstreams. Guides DLP expansion implementation, providing hands-on-keyboard implementation support as required.	Data Security Services
Kristy Hornland	Senior Associate- Advisory	Project Management Lead for Data Security Services projects leading Data Inventory and Collibra implementation workstream. Guides data inventory project activities and supports Collibra implementation project management activities.	Data Security Services
Matthew Rice	Lead Specialist - Advisory	PingAccess and PingFederate Subject Matter Expert	IT Software Services (Phase II)
Michael Zanko	Senior Associate - Advisory	Collibra SMP for Data Security Services, providing SMP support for Collibra implementation.	Data Security Services
Michael Gomez	Principal - Advisory	Engagement Partner for Data Security Services projects. Provides engagement leadership and executive support/oversight.	Data Security Services
Rama Bhaskara	Senior Specialist - Advisory	PingAccess and PingFederate Subject Matter Expert	IT Software Services (Phase II)

KPMG Meeting Attendee Table Reference

Professional	Position	Role / Area of Specialization	Service
Reid Tucker	Partner	Approving partner for overall Task 2 deliverables	Asset Management Services
Rob Villegas	Manager - Advisory	Responsible for overall engagement management and coordination with PG&E on priorities and inter-dependencies	IT Software Services (Phase II)
Rohit Nagdeo	Lead Specialist - Advisory	PingAccess and PingFederate Subject Matter Expert	IT Software Services (Phase II)
Toby Sedgwick	Manager - Advisory	Engagement Manager for Data Security Services projects. Coordinates with PG&E on priorities and interdependencies and supports project management and implementation activities on all workstreams as required.	Data Security Services
Yosef Kerzner	Senior Associate - Advisory	Technical analyst for Data Security Services projects supporting de-identification workstream. Provides SMP support for Dataguise product.	Data Security Services